

CATALOG

# Safety switches and enclosed switch-disconnectors

Safe and dependable performance



- Reliable in extreme conditions
- Safety and Protection
- Speed up your project





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# Safety switches and enclosed switch-disconnectors

## Safe and dependable performance



### Reliable in extreme conditions

All our enclosed safety switches are built to last and resist the wear of harsh operating conditions. The enclosures are made of high-quality, UV-resistant materials and the degree of protection is IP65. All switches are suitable for use both indoors and outdoors.



### Safety and protection

Our design is based on ensuring safety and preventing electrical accidents. To make maintenance and installation as safe as possible, we have included features such as padlockable handles, cover interlocks and gas pressure relief functions to our products.



### Speed up your project

We can help speed up your project by making the selection of the right switch as quick and easy as possible. Our web-based selection tool, e-Configure, enables you to select the best switch for your particular application in the easiest way possible.



# Safety switches and enclosed switch-disconnectors

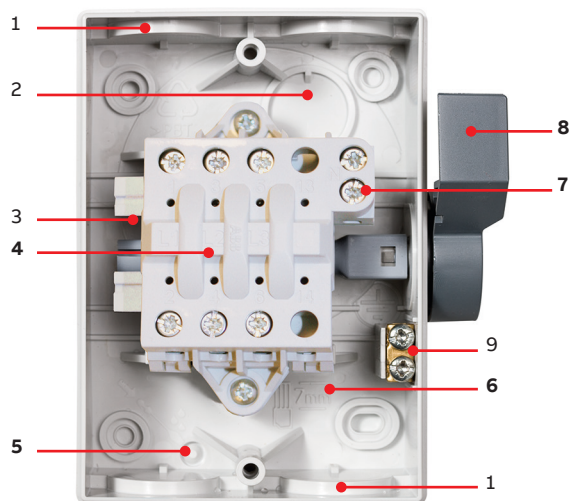
## Overview

### Side operated, type BW\_, LBAS\_, KSF\_, KSE\_

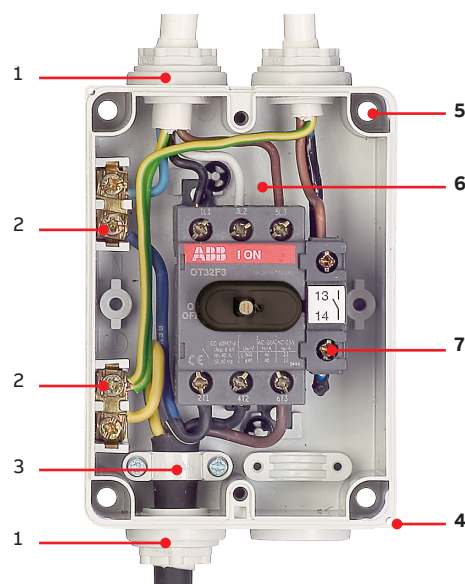
- Degree of protection: IP65, IEC 60529
- Degree of protection without cover: IP20
- Enclosure in PBT (Thermoplastic polyester) plastic, high impact strength and chemical resistant
- Flame class UL94 5VA, Glow wire 850 ° (IEC 60695-2-12)
- Resistance against UV-radiation: F 1, UL 746C
- Standard IEC 60947-3 for Switch-disconnectors
- European Standard EN60204 Safety of machinery
- Cable outlets M sized threaded knock-outs
- 2-, 3-, 4- and 6-pole versions
- Light grey/dark grey enclosure with grey handle
- Yellow enclosure have red handle
- Handle indication I-O/ON-OFF
- Suitable for 3-, 4- and 5-wire systems

### Front operated, type OTP

- Degree of protection: IP65, IEC 60529
- Degree of protection without cover: IP20, IEC 60529
- Self-extinguishing plastic: UL94 V0
- Resistance against UV-radiation: F 1, UL 746C
- Standard IEC 60947-3 for Switch-disconnectors
- European Standard EN60204 Safety of machinery
- Cable outlets M or Pg sized threaded knock-outs
- Also blank gland plates available
- 3-, 4- and 6-pole versions
- Black or red-yellow handle
- Handle indication I-O/ON-OFF
- Suitable for 4- and 5-wire systems



1 Metric threaded knockouts, IP54 cable glands sealing plugs included | 2 Knockout in the back of the box | 3 Space for auxiliary contacts, (N.O./N.C.) | 4 Handle, axis and switch insert is one system factory assembled. Switch insert UL94 V0 and glow wire 960 ° (IEC 60965-2-12) | 5 Knockout for ventilation / Water drain holes | 6 Cable strip length | 7 Isolated neutral terminal with separate in/out connection | 8 Handle padlockable in "O" position as standard. Knockout for padlock in "I" position. Shackle for 6 padlocks | 9 PE-terminal



1 Knock-out openings for M threads on the top and bottom, separate threaded knock-out opening for control wires in enclosure sizes width 130 mm and larger | 2 Terminals for 5-wire system: three phases + N + PE terminals | 3 Pull stoppers for two cables in 16 A enclosed switches | 4 Provision for sealing of the lid | 5 Enclosure mounting screws isolated from the inside housing | 6 Knock-out opening on the base for incoming cables | 7 Space for auxiliary contacts, (N.O./N.C.) (to be ordered separately)







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# Enclosed safety switches

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# Enclosed safety switches

## Safe and dependable performance

Enclosed safety switches are designed to be used near motors or machines, to isolate them from the main circuit. Our enclosed safety switches support you in creating a safe working environment, reducing the risk of electrical and mechanical accidents, especially during maintenance and repair work.



We offer the widest portfolio of IEC standard switches (from 16 to 1200 A) in both side and front operated, with a range of pole and cable configurations. We also offer a full range of enclosure materials, including plastic, aluminum, steel sheet and acid-proof stainless steel to ensure you find the right safety switches for your application and operating environment.



# Enclosed safety switches

## For demanding operating conditions

Every aspect of our enclosed safety switches is designed for safety and dependable performance, even in demanding operating conditions. This helps ensure that machinery can't be accidentally started while maintenance is in progress.

### **Tried and tested performance**

To ensure maximum safety, it is always good practice to use a separate switch for normal start and stop and to use the safety switch only during repair and maintenance. ABB's range includes side and front operated safety switches from 16 to 1200 Amperes, with power ratings from 7.5 to 1200 kW up to 690 V. The ratings correspond to utilization category AC-23A.

Enclosures are available in plastic, aluminum, steel sheet, stainless steel sheet and acid-proof material. The appropriate material can be selected according to preference or application. All our safety switches have been tested according to IEC 60947-3 standard. After rigorous testing, our safety switches have proven to maintain a high degree of safety.

Our safety switches are delivered with an auxiliary contact that can be used for electrical interlocking. This is done by connecting the safety switch to a starter or other motor control devices. For easy identification, each safety switch has a sticker label. For the most extreme operational conditions, corrosion-resistant gold plated auxiliary contacts are available upon request.

### **Ensured EMC safety**

ABB's design also takes into consideration the need for reliable performance in environments with electromagnetic disturbances (EMC), with full compliance with IEC 61000-6-3/4 or EN 55011, according to EU directive 2004/108/EC. Electro-magnetic compatibility (EMC) refers to the ability of a device to function despite electromagnetic disturbances in the environment without electromagnetically disturbing other devices in its surroundings. This is important in environments where the disturbance from frequency converters may rise up to tens, or even hundreds of MHz.



## Overview

IP65

- White / black / red-yellow handle types

- Black / red-yellow handle types

- Dark grey / yellow handle types



### Front operated safety switches

| Installation safety switches    |        |    | OTP16H_ | OTP16HT_ | OTP16K_ |      |    |    |    |
|---------------------------------|--------|----|---------|----------|---------|------|----|----|----|
| Max. motor output 690 V / AC23A | 3-pole | kW | 7.5     | 7.5      | 7.5     |      |    |    |    |
| Industrial safety switches      |        |    |         |          |         | OTP_ |    |    |    |
| Switch size                     |        |    |         |          |         | 16   | 25 | 36 | 63 |
| Max. motor output 690 V / AC23A | 3-pole | kW |         |          |         | 7.5  | 15 | 15 | 30 |
| Max. motor output 690 V / AC23A | 4-pole | kW |         |          |         | 7.5  | 15 | 15 |    |
| Max. motor output 690 V / AC23A | 6-pole | kW |         |          |         | 7.5  |    |    |    |
| EMC safety switches             |        |    |         |          |         | OTE_ |    |    |    |
| Switch size                     |        |    |         |          |         | 16   | 25 | 36 |    |
| Max. motor output 690 V / AC23A | 3-pole | kW |         |          |         | 7.5  | 15 | 15 |    |
| Max. motor output 690 V / AC23A | 4-pole | kW |         |          |         | 7.5  | 15 | 15 |    |
| Max. motor output 690 V / AC23A | 6-pole | kW |         |          |         | 7.5  |    |    |    |



### Front operated safety switches

### Side-operated safety switches

[illegible]



Aluminum enclosed safety switches

Overview

Aluminum

IP65

Black handle types



| Industrial safety switches                  | LBAS_ |    | OTA |    |    |      | LBAS_ |      |    | OTA |     |     |     |     |     |     |
|---------------------------------------------|-------|----|-----|----|----|------|-------|------|----|-----|-----|-----|-----|-----|-----|-----|
| Switch size                                 | 16    | 25 | 16  | 25 | 40 | 63   | 45    | 75   | 90 | 125 | 160 | 200 | 250 | 315 | 400 | 600 |
| Max. motor output 690 V / AC23A 3-pole kW   | 7.5   | 11 | 7.5 | 15 | 15 | 18.5 | 15    | 18.5 | 45 | 55  | 75  | 160 | 200 | 250 | 355 | 560 |
| Max. motor output 690 V / AC23A 4-pole kW   | 7.5   | 11 | 7.5 | 15 | 15 | 18.5 | 15    | 18.5 | 45 |     |     |     |     |     |     |     |
| Max. motor output 690 V / AC23A 6-pole kW   |       |    |     |    |    |      |       | 18.5 |    |     |     |     |     |     |     |     |
| All types can be used for EMC applications. |       |    |     |    |    |      |       |      |    |     |     |     |     |     |     |     |



## Steel enclosed safety switches

### Overview

#### Steel sheet

IP65

Black / red-yellow handle types



| Industrial safety switches, IP65 |        |    | OTL_ |    |    |    | OTL_ |    |
|----------------------------------|--------|----|------|----|----|----|------|----|
| Switch size                      |        |    | 16   | 25 | 36 | 63 | 75   | 90 |
| Max. motor output 690 V / AC23A  | 3-pole | kW | 7.5  | 15 | 15 | 30 | 37   | 45 |
| Max. motor output 690 V / AC23A  | 4-pole | kW | 7.5  | 15 | 15 | 30 | 37   | 45 |
| Max. motor output 690 V / AC23A  | 6-pole | kW | 7.5  | 15 | 15 |    | 37   | 45 |
| EMC safety switches, IP65        |        |    | OT_  |    |    |    |      |    |
| Switch size                      |        |    | 16   | 25 | 36 | 30 |      |    |
| Max. motor output 690 V / AC23A  | 3-pole | kW | 7.5  | 15 | 15 | 30 | 37   | 45 |
| Max. motor output 690 V / AC23A  | 6-pole | kW | 7.5  | 15 | 15 | 30 | 37   | 45 |



| Industrial safety switches, IP65 |        |    | OT_ |     |     |     |     |     |     |     |     |      |      |
|----------------------------------|--------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|
| Switch size                      |        |    | 90  | 125 | 160 | 200 | 250 | 315 | 400 | 630 | 800 | 1000 | 1250 |
| Max. motor output 690 V / AC23A  | 3-pole | kW | 75  | 110 | 144 | 160 | 200 | 250 | 355 | 560 | 710 | 1000 | 1200 |
| Max. motor output 690 V / AC23A  | 4-pole | kW | 75  | 110 | 144 | 160 | 200 | 250 | 355 | 560 | 710 |      |      |
| Max. motor output 690 V / AC23A  | 6-pole | kW | 75  | 110 | 144 | 160 | 200 | 250 | 355 | 560 | 710 | 800  |      |
| EMC safety switches, IP65        |        |    | OT_ |     |     |     |     |     |     |     |     |      |      |
| Switch size                      |        |    | 90  | 125 | 160 | 200 | 250 | 315 | 400 | 630 | 800 | 1000 | 1250 |
| Max. motor output 690 V / AC23A  | 3-pole | kW | 75  | 110 | 144 | 160 | 200 | 250 | 355 | 560 | 710 | 1000 | 1200 |
| Max. motor output 690 V / AC23A  | 6-pole | kW | 75  | 110 | 144 | 160 | 200 | 250 | 355 | 560 | 710 | 800  |      |



## Stainless steel enclosed safety switches

### Overview

#### Stainless steel sheet

IP65  
Black / red-yellow handle types in  
OTR- types Stainless steel handle in  
OT-types



| Industrial safety switches, IP65 |        |    | OTR_ |    |    |    | OTR_ |    | OT_ |     |     |     |     |     |     |      |      |
|----------------------------------|--------|----|------|----|----|----|------|----|-----|-----|-----|-----|-----|-----|-----|------|------|
| Switch size                      |        |    | 16   | 25 | 36 | 63 | 75   | 90 | 160 | 200 | 250 | 315 | 400 | 630 | 800 | 1000 | 1200 |
| Max. motor output 690 V / AC23A  | 3-pole | kW | 7.5  | 15 | 15 | 30 | 37   | 45 | 144 | 160 | 200 | 250 | 355 | 560 | 710 | 1000 | 1200 |
| Max. motor output 690 V / AC23A  | 4-pole | kW | 7.5  | 15 | 15 | 30 | 37   | 75 |     |     |     |     |     |     |     |      |      |
| Max. motor output 690 V / AC23A  | 6-pole | kW | 7.5  | 15 | 15 |    | 37   | 75 | 144 | 160 | 200 | 250 | 355 | 560 | 710 |      |      |



## Technical data

### Safety switches

#### Safety switches type OT\_

| Data according to IEC 60947-3                                                                                                          | Switch size              |                 | 16        | 25       | 36       | 63      | 75      | 90      | 90      | 125     | 160      |
|----------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-----------------|-----------|----------|----------|---------|---------|---------|---------|---------|----------|
| Plastic enclosed                                                                                                                       | Switch type              |                 | OTP/OTE   | OTP/OTE  | OTP/OTE  | OTP     | OTP/OTE | OTP/OTE | OT_G    | OT_G    | OT       |
| Steel sheet enclosed                                                                                                                   |                          |                 | OTL       | OTL      | OTL      | OTL     | OTL     | OTL     |         |         | OT       |
| Stainless steel sheet enclosed                                                                                                         |                          |                 | OTR       | OTR      | OTR      | OTR     | OTR     | OTR     |         |         | OT_EV_   |
| Rated Insulation voltage                                                                                                               |                          | V               | 750       | 750      | 750      | 750     | 750     | 750     | 1000    | 1000    | 1000     |
| Rated thermal current                                                                                                                  | 40°C                     | A               | 40        | 63       | 80       | 115     | 115     | 125     | 90      | 125     | 160      |
|                                                                                                                                        | 60°C                     | A               | 32        | 50       | 63       | 80      | 80      | 100     | 90      | 125     | 160      |
| Rated operational power, AC-23A                                                                                                        | 230V                     | kW/A            | 5.5/23    | 7.5/30   | 11/45    | 18.5/63 | 22/80   | 22/90   | 22/90   | 37/125  | 48/160   |
|                                                                                                                                        | 400V                     | kW/A            | 7.5/16    | 15/30    | 22/45    | 30/63   | 37/80   | 45/90   | 45/90   | 55/125  | 80/160   |
|                                                                                                                                        | 500V                     | kW/A            | 7.5/16    | 15/30    | 22/45    | 30/50   | 37/60   | 45/70   | 55/90   | 75/125  | 112/160  |
|                                                                                                                                        | 690V                     | kW/A            | 7.5/10    | 15/20    | 15/20    | 30/35   | 37/40   | 45/50   | 75/90   | 110/125 | 144/160  |
| Rated conditional short-circuit current r.m.s and corresponding cut-off current of the fuse in single-phase test according to IEC60269 | 50kA, 400V <sup>1)</sup> | kA              | 6.5       | 13       | 13       | 16.5    | 16.5    | 16.5    | 24      | 24      | 24       |
|                                                                                                                                        | Fuse size:               | gG/aM           | 40/32     | 100/80   | 100/80   | 125/125 | 125/125 | 125/125 | 200/200 | 200/250 | 355/315  |
|                                                                                                                                        | 50kA, 690V <sup>1)</sup> | kA              | 4         | 11       | 11       | 10      | 10      | 10      | 24      | 24      | 35       |
|                                                                                                                                        | Fuse size:               | gG/aM           | 25/16     | 80/63    | 80/63    | 63/63   | 63/63   | 63/63   | 200/200 | 200/200 | 355/315  |
| Used switch type                                                                                                                       |                          |                 | OT40_     | OT63_    | OT63_    | OT100_  | OT100_  | OT125F_ | OT160G_ | OT160G_ | OT160EV_ |
| Cable size                                                                                                                             |                          | mm <sup>2</sup> | 0.75...10 | 1.5...35 | 1.5...35 | 10...70 | 10...70 | 10...70 | 10...70 | 10...70 |          |
| Terminal bolt size                                                                                                                     |                          | mm              |           |          |          |         |         |         |         |         | M8x25    |

#### Safety switches type OT\_

| Data according to IEC 60947-3                                                                                                          | Switch size              |                 | 200     | 250     | 315     | 400     | 630      | 800      | 1000      | 1250      |
|----------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-----------------|---------|---------|---------|---------|----------|----------|-----------|-----------|
| Plastic enclosed                                                                                                                       | Switch type              |                 | OT      | OT      | OT      | OT      | OT       | OT       | OT        | OT        |
| Steel sheet enclosed                                                                                                                   |                          |                 | OT      | OT      | OT      | OT      | OT       | OT       | OT        | OT        |
| Stainless steel sheet enclosed                                                                                                         |                          |                 | OT      | OT      | OT      | OT      | OT       | OT       | OT        | OT        |
| Rated Insulation voltage                                                                                                               |                          | V               | 1000    | 1000    | 1000    | 1000    | 1000     | 1000     | 1000      | 1000      |
| Rated thermal current                                                                                                                  | 40°C                     | A               | 200     | 250     | 315     | 400     | 570      | 720      | 1000      | 1250      |
|                                                                                                                                        | 60°C                     | A               | 200     | 200     | 315     | 320     | 460      | 580      |           |           |
| Rated operational power, AC-23A                                                                                                        | 230V                     | kW/A            | 55/200  | 75/250  | 90/315  | 110/400 | 180/570  | 200/720  | 315/1000  | 400/1250  |
|                                                                                                                                        | 400V                     | kW/A            | 110/200 | 132/250 | 160/315 | 220/400 | 315/570  | 400/720  | 560/1000  | 710/1250  |
|                                                                                                                                        | 500V                     | kW/A            | 132/200 | 160/250 | 200/315 | 280/400 | 400/570  | 500/720  | 710/1000  | 900/1250  |
|                                                                                                                                        | 690V                     | kW/A            | 160/200 | 200/250 | 250/315 | 355/400 | 560/570  | 710/720  | 1000/1000 | 1200/1250 |
| Rated conditional short-circuit current r.m.s and corresponding cut-off current of the fuse in single-phase test according to IEC60269 | 50kA, 400V <sup>1)</sup> | kA              | 35      | 35      | 50.5    | 50.5    | 71.5     | 71.5     | 75        |           |
|                                                                                                                                        | Fuse size:               | gG/aM           | 355/315 | 355/315 | 500/500 | 500/500 | 800/1000 | 800/1000 | 1000/1000 |           |
|                                                                                                                                        | 50kA, 690V <sup>1)</sup> | kA              | 35      | 35      | 50.5    | 50.5    | 71.5     | 71.5     | 75        |           |
|                                                                                                                                        | Fuse size:               | gG/aM           | 355/315 | 355/315 | 500/500 | 500/500 | 800/1000 | 800/1000 | 1000/1000 |           |
| Used switch type                                                                                                                       |                          |                 | OT200_  | OT250_  | OT315_  | OT400_  | OT630_   | OT800_   | OT1000_   | OT1250_   |
| Cable size                                                                                                                             |                          | mm <sup>2</sup> |         |         |         |         |          |          |           |           |
| Terminal bolt size                                                                                                                     |                          | mm              | M8x25   | M8x25   | M10x30  | M10x30  | M12x40   | M12x40   | M12x50    | M12x50    |

## Technical data

### Safety switches

#### Aluminium enclosed safety switches

| Data according to IEC 60947-3                                                                                                                                                                                                                                | Switch type                                      |                 |                 | OTA16_X   | OTA25_X   | OTA40_X   | OTA63_X  | OTA80_X  | OTA100_X | OTA125_X |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|-----------------|-----------------|-----------|-----------|-----------|----------|----------|----------|----------|
| Rated insulation voltage and rated operational voltage AC20/DC20                                                                                                                                                                                             | Pollution degree 3                               | 50 Hz<br>1 min. | V               | 750       | 750       | 750       | 750      | 750      | 750      | 750      |
| Rated thermal current                                                                                                                                                                                                                                        | Ambient 40 °C <sup>2)</sup>                      |                 | A               | 25        | 32        | 40        | 63       | 80       | 115      | 125      |
|                                                                                                                                                                                                                                                              | Ambient 60 °C                                    |                 | A               | 20        | 25        | 32        | 50       | 63       | 80       | 100      |
| Rated operational current, AC-23A                                                                                                                                                                                                                            |                                                  | up to 415 V     | A               | 16        | 20        | 23        | 63       | 75       | 80       | 90       |
|                                                                                                                                                                                                                                                              |                                                  | 500 V           | A               | 16        | 20        | 23        | 45       | 58       | 60       | 70       |
|                                                                                                                                                                                                                                                              |                                                  | 690 V           | A               | 10        | 11        | 12        | 20       | 20       | 40       | 50       |
|                                                                                                                                                                                                                                                              |                                                  |                 |                 |           |           |           |          |          |          |          |
| Rated operational power, AC-23A<br>(These values are given for guidance and may vary acc. to the motor manufacturer)                                                                                                                                         |                                                  | 220...240 V     | kW              | 3         | 4         | 5.5       | 11       | 22       | 22       | 22       |
|                                                                                                                                                                                                                                                              |                                                  | 400...415 V     | kW              | 7.5       | 9         | 11        | 22       | 37       | 37       | 45       |
|                                                                                                                                                                                                                                                              |                                                  | 440...500 V     | kW              | 7.5       | 9         | 11        | 22       | 37       | 37       | 45       |
|                                                                                                                                                                                                                                                              |                                                  | 690 V           | kW              | 7.5       | 9         | 11        | 15       | 18.5     | 37       | 45       |
| Rated conditional short-circuit current I <sub>q</sub> (r.m.s.) and corresponding max. Allowed cut-off current I <sub>c</sub> of fuse. The cut-off current I <sub>c</sub> refers to values listed by fuse manufacturers (single phase test acc. To IEC60269) | I <sub>q</sub> 50kA, 415V<br>Max. OFA_fuse size  | I <sub>c</sub>  | kA              | 6.5       | 6.5       | 6.5       | 13       | 13       | 16.5     | 16.5     |
|                                                                                                                                                                                                                                                              |                                                  | gG/aM           | A/A             | 40/32     | 40/32     | 40/32     | 100/80   | 100/80   | 125/125  | 125/125  |
|                                                                                                                                                                                                                                                              | I <sub>q</sub> 100kA, 500V<br>Max. OFA_fuse size | I <sub>c</sub>  | kA              | –         | –         | –         | 17       | 17       | –        | –        |
|                                                                                                                                                                                                                                                              |                                                  | gG/aM           | A/A             | –         | –         | –         | 100/80   | 100/80   | –        | –        |
|                                                                                                                                                                                                                                                              | I <sub>q</sub> 10kA, 690V<br>Max. OFA_fuse size  | I <sub>c</sub>  | kA              | –         | –         | –         | –        | –        | 8.2      | 8.2      |
|                                                                                                                                                                                                                                                              |                                                  | gG/aM           | A/A             | –         | –         | –         | –        | –        | 125/100  | 125/100  |
|                                                                                                                                                                                                                                                              | I <sub>q</sub> 50kA, 690V<br>Max. OFA_fuse size  | I <sub>c</sub>  | kA              | 4         | 4         | 4         | 11       | 11       | 10       | 10       |
|                                                                                                                                                                                                                                                              |                                                  | gG/aM           | A/A             | 25/16     | 25/16     | 25/16     | 80/63    | 80/63    | 63/63    | 63/63    |
| Rated short-time withstand current                                                                                                                                                                                                                           | r.m.s. -value I <sub>cw</sub>                    | 690 V, 1 s      | kA              | 0.5       | 0.5       | 0.5       | 1        | 1.5      | 2.5      | 2.5      |
| Cable size                                                                                                                                                                                                                                                   | Cu-wire size suitable for terminal clamps        |                 | mm <sup>2</sup> | 0.75...10 | 0.75...10 | 0.75...10 | 1.5...35 | 1.5...35 | 10...70  | 10...70  |



## Technical data

### Safety switches

#### Technical data according to IEC 60947-3

| Type / size                                                                                                                           |                  |                 | OTA 16_   | OTA 25_  | OTA 40_  | OTA 63_  | LBAS_45_ | LBAS_75_ | LBAS_90_ |
|---------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------|-----------|----------|----------|----------|----------|----------|----------|
| Rated insulation voltage                                                                                                              |                  | V               | 750       | 750      | 750      | 750      | 750      | 750      | 750      |
| Rated thermal current and rated operational current AC20/DC20                                                                         | 40°C             | A               | 25        | 32       | 40       | 63       | 63       | 80       | 125      |
|                                                                                                                                       | 60°C             | A               | 20        | 26       | 32       | 50       | 50       | 64       | 100      |
| Rated operational power and current, AC-23A                                                                                           | up to 415V       | kW/A            | 7.5/16    | 15/30    | 22/45    | 30/63    | 25/63    | 37/75    | 45/90    |
|                                                                                                                                       | up to 500V       | kW/A            | 7.5/16    | 15/30    | 22/45    | 30/45    | 22/45    | 37/58    | 45/70    |
|                                                                                                                                       | 690V             | kW/A            | 7.5/10    | 15/20    | 15/20    | 18.5/20  | 15/20    | 18.5/20  | 45/50    |
| Rated conditional short-circuit current r.m.s and corresponding cut-off current of the fuse in singlephase test according to IEC60269 | 50kA, 415V       | kA              | 6.5       | 13       | 13       | 13       | 13       | 13       | 16.5     |
|                                                                                                                                       | Fuse size: gG/aM | A               | 40/32     | 100/80   | 100/80   | 100/80   | 100/80   | 100/80   | 125/100  |
|                                                                                                                                       | 50kA, 690V       | kA              | 6.5       | 13       | 13       | 13       | 13       | 13       | 16.5     |
|                                                                                                                                       | Fuse size: gG/aM | A               | 25/16     | 80/63    | 80/63    | 80/63    | 80/63    | 80/63    | 125/100  |
| Rated frequency                                                                                                                       |                  | Hz              | 50/60     | 50/60    | 50/60    | 50/60    | 50/60    | 50/60    | 50/60    |
| Cu-wire size suitable for terminal.<br>Terminal bolt size                                                                             |                  | mm <sup>2</sup> | 0.75...10 | 1.5...35 | 1.5...35 | 1.5...35 | 1.5...35 | 1.5...35 | 10...70  |
| Used switch type                                                                                                                      |                  |                 | OT40F3    | OT63F3   | OT63F3   | OT80F3   | OT63F3   | OT80F3   | OT125F3  |

#### Technical data according to IEC 60947-3

| Type / size                                                                                                                           |                  |                 | OTA 125_  | OTA 160_  | OTA 200_  | OTA 250_  | OTA 315_  | OTA 400_  | OTA 600_   |
|---------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| Rated insulation voltage                                                                                                              |                  | V               | 1000      | 1000      | 1000      | 1000      | 1000      | 1000      | 1000       |
| Rated thermal current and rated operational current AC20/DC20                                                                         | 40°C             | A               | 160       | 160       | 200       | 250       | 315       | 400       | 600        |
|                                                                                                                                       | 60°C             | A               | 160       | 160       | 200       | 250       | 315       | 320       | 480        |
| Rated operational power and current, AC-23A                                                                                           | up to 415V       | kW/A            | 55/125    | 75/135    | 110/200   | 132/250   | 160/315   | 220/440   | 315/540    |
|                                                                                                                                       | up to 500V       | kW/A            | 55/90     | 75/135    | 132/200   | 160/250   | 200/315   | 280/400   | 400/552    |
|                                                                                                                                       | 690V             | kW/A            | 55/70     | 75/80     | 160/200   | 200/250   | 250/315   | 355/400   | 560/551    |
| Rated conditional short-circuit current r.m.s and corresponding cut-off current of the fuse in singlephase test according to IEC60269 | 100kA, 500V      | kA              | 40.5      | 40.5      | 61.5      | 61.5      | 61.5      | 61.5      | 90         |
|                                                                                                                                       | Fuse size: gG/aM | A               | 315A/315A | 315A/315A | 500A/500A | 500A/450A | 500A/450A | 500A/450A | 800A/1000A |
|                                                                                                                                       | 80kA, 690V       | kA              | 40.5      | 40.5      | 61.5      | 61.5      | 61.5      | 61.5      | 90         |
|                                                                                                                                       | Fuse size: gG/aM | A               | 315A/315A | 355A/315A | 500A/500A | 500A/500A | 500A/500A | 500A/500A | 800A/1000A |
| Rated frequency                                                                                                                       |                  | Hz              | 50/60     | 50/60     | 50/60     | 50/60     | 50/60     | 50/60     | 50/60      |
| Cu-wire size suitable for terminal.<br>Terminal bolt size                                                                             |                  | mm <sup>2</sup> | 8         | 8         | 10        | 10        | 10        | 10        | 12         |
| Used switch type                                                                                                                      |                  |                 | OT160EV12 | OT160EV12 | OT315E03  | OT315E03  | OT315E03  | OT400E03  | OT630E03   |

## Technical data

### Cabling for safety switches

| Supply cable                                                      |  | Steel sheet enclosed safety switch (3-pole) |                                        |
|-------------------------------------------------------------------|--|---------------------------------------------|----------------------------------------|
| Amount of parallel cables mm <sup>2</sup>                         |  | Cable entries from top and bottom           | Cable entries from bottom              |
| <b>Supply cable, cable cross section 16...50 mm<sup>2</sup></b>   |  |                                             |                                        |
| 1x(16...50)                                                       |  | OT_75_, OT_90_                              |                                        |
| <b>Supply cable, cable cross section 10...70 mm<sup>2</sup></b>   |  |                                             |                                        |
| 1x(10...70)                                                       |  | OT_75_, OT_90_                              |                                        |
| 1x(10...70)                                                       |  | OT90_, OT125_                               | OT90_, OT125_                          |
| 1x(10...70)                                                       |  | OT200_, OT250_                              | OT200_, OT250_                         |
| 2x(10...70)                                                       |  | OT200_, OT250_, OT315_, OT400_              | OT160_, OT200_, OT250_, OT315_, OT400_ |
| <b>Supply cable, cable cross section 25...120 mm<sup>2</sup></b>  |  |                                             |                                        |
| 1x(25...120)                                                      |  | OT160_, OT200_, OT250_                      | OT160_, OT200_, OT250_                 |
| 1x(25...120)                                                      |  | OT315_, OT400_                              | OT315_, OT400_                         |
| 2x(25...120)                                                      |  | OT160_                                      | OT 90A_, OT125_, OT160_                |
| 2x(25...120)                                                      |  | OT200_, OT250_                              | OT200_, OT250_                         |
| 2x(25...120)                                                      |  | OT315_, OT400_                              | OT315_, OT400_                         |
| 2x(25...120)                                                      |  | OT315_, OT400_                              | OT315_, OT400_                         |
| <b>Supply cable, cable cross section 70...185 mm<sup>2</sup></b>  |  |                                             |                                        |
| 1x(70...185)                                                      |  | OT315_, OT400_, OT630_, OT800E_             | OT315_, OT400_, OT630_, OT800E_        |
| 2x(70...185)                                                      |  | OT315_, OT400_, OT630_, OT800E_             | OT315_, OT400_, OT630_, OT800E_        |
| 3x(70...185)                                                      |  | OT630_, OT800_                              | OT630KA_, OT800_                       |
| 4x(70...185)                                                      |  | OT630_, OT800_                              | OT630KA_, OT800_                       |
| <b>Supply cable, cable cross section 95...240 mm<sup>2</sup></b>  |  |                                             |                                        |
| 1x(95...240)                                                      |  | OT200_, OT250_, OT315_, OT400_              | OT200_, OT250_, OT315_, OT400_         |
| 2x(95...240)                                                      |  | OT200_, OT250_                              | OT200_, OT250_                         |
| 2x(95...240)                                                      |  | OT315_, OT400_                              | OT315_, OT400_                         |
| <b>Supply cable, cable cross section 120...240 mm<sup>2</sup></b> |  |                                             |                                        |
| 1x(120...240)                                                     |  | OT315_, OT400_                              | OT315_, OT400_                         |
| <b>Supply cable, cable cross section 120...300 mm<sup>2</sup></b> |  |                                             |                                        |
| 1x(120...300)                                                     |  | OT315_, OT400_, OT630_, OT800E_             | OT315_, OT400_, OT630_, OT800E_        |
| 2x(120...300)                                                     |  | OT315_, OT400_, OT630_, OT800E_             | OT630_, OT800E_                        |
| 2x(120...300)                                                     |  | OT1000_, OT1250_                            | OT1000_, OT1250_                       |
| 3x(120...300)                                                     |  | OT630_, OT800E_                             | OT630KA_, OT800_                       |
| 3x(120...300)                                                     |  | OT1000_, OT1250_                            | OT1000_, OT1250_                       |
| 4x(120...300)                                                     |  | OT630_, OT800_                              | OT630KA_, OT800_                       |
| 4x(120...300)                                                     |  | OT1000_, OT1250_                            | OT1000_, OT1250_                       |
| 5x(120...300)                                                     |  | OT1000BL_, OT1250EL_ <sup>1)</sup>          |                                        |

<sup>1)</sup> For 800 mm wide enclosure only

## Technical data

### Safety switches

#### Safety switches type BWS\_ and LBAS\_

|                                                 | Switch size |      | 16     | 25    | 45    | 75      | 90    |
|-------------------------------------------------|-------------|------|--------|-------|-------|---------|-------|
| Plastic enclosed                                | Switch type |      | BWS    | BWS   |       |         |       |
| Aluminum enclosed                               |             |      | LBAS   | LBAS  | LBAS  | LBAS    | LBAS  |
| Rated Insulation voltage                        |             | V    | 690    | 690   | 750   | 750     | 750   |
| Rated thermal current                           | 40°C        | A    | 32     | 40    | 63    | 80      | 125   |
|                                                 | 60°C        | A    |        |       | 50    | 63      | 100   |
| Rated operational power /<br>current AC-23A     | 400V        | kW/A | 7.5/16 | 11/25 | 22/45 | 37/75   | 45/90 |
|                                                 | 500V        | kW/A | 7.5/16 | 15/25 | 22/45 | 37/58   | 45/70 |
|                                                 | 690V        | kW/A | 7.5/10 | 11/16 | 15/20 | 18.5/20 | 45/50 |
| Conditional short circuit current               |             | kA   | 25     | 25    | 50    | 50      | 50    |
| Fuse protected short circuit<br>making capacity | 400V        | kA   | 5      | 5     | 13    | 13      | 16.5  |
|                                                 | 500V        | kA   | 4.8    | 4.8   | 11    | 11      | 10    |
|                                                 | 690V        | kA   | 4.8    | 4.8   | 11    | 11      | 10    |
| Max fuse                                        | 400V        | A    | 50     | 50    | 63    | 80      | 125   |
|                                                 | 500V        | A    | 35     | 35    | 63    | 80      | 63    |
|                                                 | 690V        | A    | 35     | 35    | 63    | 80      | 63    |

#### Membrane glands/sealing plugs (included in BWS/LBAS)

| Type          | Protection class | Cable entries size/metric threads | Included in delivery pcs | For cable diam. mm |
|---------------|------------------|-----------------------------------|--------------------------|--------------------|
| BWS_16        | IP54             | M25                               | 2                        | 9...16             |
| LBAS_16       | IP54             | M25                               | 4                        | 9...16             |
| BWS616, 625   | IP54             | M25                               | 3                        | 9...16             |
|               | IP54             | M16                               | 1                        | 6...11             |
| BWS_25        | IP54             | M32                               | 2                        | 12...20            |
|               | IP54             | M16                               | 1                        | 7...11             |
| LBAS_25       | IP54             | M32                               | 4                        | 16...24            |
|               | IP54             | M16                               | 1                        | 7...11             |
| LBAS_45..._90 | IP54             | M40                               | 4                        | 19...25            |
|               | IP54             | M16                               | 1                        | 6...11             |

#### Colour codes of the enclosures / safety switches

|                                                    | Colour code/cover | Colour code/box |
|----------------------------------------------------|-------------------|-----------------|
| <b>Plastic enclosures</b>                          |                   |                 |
| OTP, white enclosure, installation safety switches | RAL9001           | RAL9001         |
| OTP and OT, grey enclosure                         | RAL 7035          | RAL 7035        |
| BWS, grey cover                                    | RAL 7012          | RAL 7035        |
| BWS, yellow cover                                  | RAL1021           | RAL 7035        |
| <b>Steel sheet enclosures</b>                      |                   |                 |
| OTL                                                | RAL 7035          | RAL 7035        |
| OT                                                 | NCS 1704-Y15R     | NCS 1704-Y15R   |
| <b>Aluminium enclosures</b>                        |                   |                 |
| LBAS_16...90                                       | RAL 7012          | RAL 7035        |

<sup>1)</sup> Other short-circuit ratings: see OT switch-disconnectors catalogue

For more information on switches and their applications, see OT switch-disconnectors catalogue.  
Cabling, see pages 12...13. Terminal clamps for Al/Cu cables on page 149.



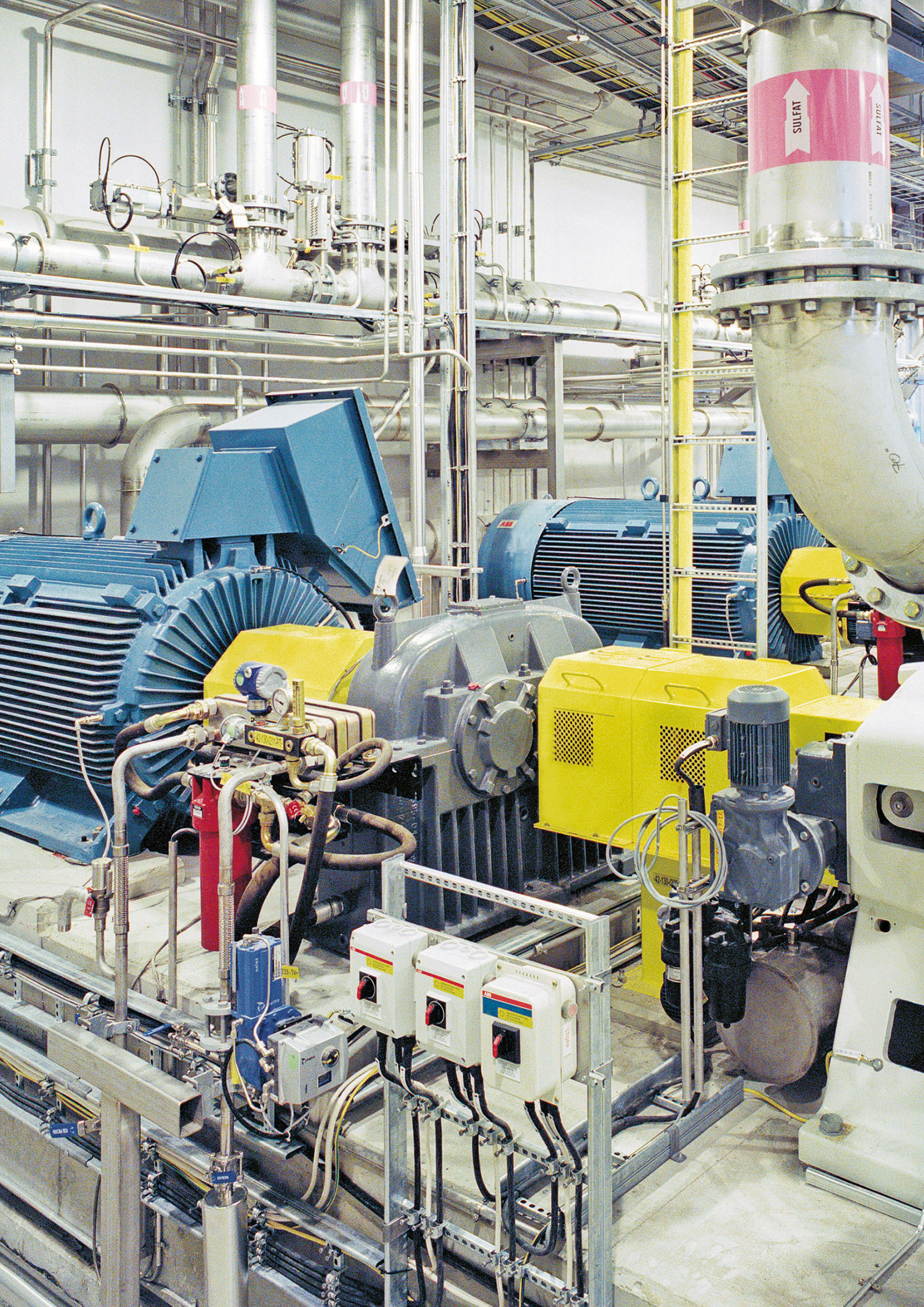
## Technical data

### Cabling for safety switches

| Supply cable                                     |        | Mounting accessories (to supply side) |                   |         |                           |                   |
|--------------------------------------------------|--------|---------------------------------------|-------------------|---------|---------------------------|-------------------|
|                                                  |        | Cable entries from top and bottom     |                   |         | Cable entries from bottom |                   |
| Amount of parallel cables mm²                    | Busbar | Terminal clamp                        | Terminal bolt kit | Busbar  | Terminal clamp            | Terminal bolt kit |
| Supply cable, cable cross section 16...50 mm²    |        |                                       |                   |         |                           |                   |
| 1x(16...50)                                      |        | OZXT1 (max 63A)                       |                   |         |                           |                   |
| Supply cable, cable cross section 10...70 mm²    |        |                                       |                   |         |                           |                   |
| 1x(10...70)                                      |        | OZXL1+OTS125T3P                       |                   |         |                           |                   |
| 1x(10...70)                                      |        | OZXL1+OTS160G1L3                      |                   |         | OZXB1L                    |                   |
| 1x(10...70)                                      |        | OZXB1L                                |                   |         | OZXB1L                    |                   |
| 2x(10...70)                                      | OZXE20 | 2xOZXB1                               |                   | OZXE 20 | 2xOZXB1                   |                   |
| Supply cable, cable cross section 25...120 mm²   |        |                                       |                   |         |                           |                   |
| 1x(25...120)                                     |        | OZXB2                                 |                   |         | OZXB2                     |                   |
| 1x(25...120)                                     |        | OZXB2L                                |                   |         | OZXB2L                    |                   |
| 2x(25...120)                                     | OZXE21 | 2xOZXB2                               |                   | OZXE21  | 2xOZXB2                   |                   |
| 2x(25...120)                                     | OZXE45 | OZXB2+OZXB2L                          |                   | OZXE21  | 2xOZXB2                   |                   |
| 2x(25...120)                                     | OZXE21 | 2xOZXB2                               |                   | OZXE21  | 2xOZXB2                   |                   |
| 2x(25...120)                                     | OZXE21 | 2xOZXB2L                              | OZXE54            | OZXE21  | 2xOZXB2L                  | OZXE54            |
| Supply cable, cable cross section 70...185 mm²   |        |                                       |                   |         |                           |                   |
| 1x(70...185)                                     |        | OZXB3                                 |                   |         | OZXB3                     |                   |
| 2x(70...185)                                     |        | OZXB4                                 |                   |         | OZXB4                     |                   |
| 3x(70...185)                                     | OZXE19 | OZXB3+OZXB4                           |                   | OZXE19  | OZXB3 + OZXB4             |                   |
| 4x(70...185)                                     | OZXE19 | 2xOZXB4                               |                   | OZXE19  | 2xOZXB4                   |                   |
| Supply cable, cable cross section 95...240 mm²   |        |                                       |                   |         |                           |                   |
| 1x(95...240)                                     |        | OZXB9                                 |                   |         | OZXB9                     |                   |
| 2x(95...240)                                     | OZXE45 | 2xOZXB9                               | OZXE 56           | OZXE45  | 2xOZXB9                   | OZXE56            |
| 2x(95...240)                                     | OZXE46 | 2xOZXB9                               | OZXE 57           | OZXE46  | 2xOZXB9                   | OZXE57            |
| Supply cable, cable cross section 120...240 mm²  |        |                                       |                   |         |                           |                   |
| 1x(120...240)                                    |        | OZXB7                                 |                   |         | OZXB 7                    |                   |
| Supply cable, cable cross section 120....300 mm² |        |                                       |                   |         |                           |                   |
| 1x(120...300)                                    |        | OZXB5                                 |                   |         | OZXB5                     |                   |
| 2x(120...300)                                    |        | OZXB6                                 |                   |         | OZXB6                     |                   |
| 2x(120...300)                                    |        | 2xOZXB5                               |                   |         | 2xOZXB5                   |                   |
| 3x(120...300)                                    | OZXE19 | OZXB5+OZXB6                           |                   | OZXE19  | OZXB5+OZXB6               |                   |
| 3x(120...300)                                    |        | OZXB5+OZXB6                           |                   |         | OZXB5+OZXB6               |                   |
| 4x(120...300)                                    | OZXE19 | 2xOZXB6                               |                   | OZXE19  | 2xOZXB6                   |                   |
| 4x(120...300)                                    |        | 2xOZXB6                               |                   |         | 2xOZXB6                   |                   |
| 5x(120...300)                                    | OZXE19 | 2xOZXB6+OZXB5                         |                   |         |                           |                   |

<sup>1)</sup> For 800 mm wide enclosure only







## Ordering Information

|           |                                                |
|-----------|------------------------------------------------|
| <b>22</b> | Plastic enclosed safety switches               |
| <b>31</b> | Steel sheet enclosed safety switches           |
| <b>53</b> | Stainless steel sheet enclosed safety switches |
| <b>59</b> | Acid-proof enclosed safety switches            |
| <b>61</b> | Aluminium enclosed safety switches             |
| <b>65</b> | ATEX enclosed safety switches                  |
| <b>67</b> | Plastic enclosed safety EMC switches           |
| <b>71</b> | Steel sheet enclosed EMC safety switches       |



## Ordering information

### Plastic enclosed safety switches



OTP16H3M25,

OTP16HT3M  
OTP16HT3M25,  
OTP16HT3M251OTP16K3M,  
OTP16K3M25OTP16KA3M,  
OTP16KA3M25

#### Safety switches, 3-pole, IP65, white handle

The delivery includes a selector handle (I-O/ON-OFF), N- and PE-terminals, two membrane cable glands, two pull stoppers and auxiliary contacts according to the table below. White enclosure (RAL9001), cable entries from top and bottom. The rectangular handle has defeatable interlocking included. The round handle does not have defeatable interlocking.

##### Cable entries from top and bottom

| Max. motor output/<br>AC-23A |              | Cable<br>openings/side | Enclosure<br>dimensions |       |       | Type | Order number | Weight<br>/unit<br>kg |
|------------------------------|--------------|------------------------|-------------------------|-------|-------|------|--------------|-----------------------|
|                              |              |                        | Height                  | Width | Depth |      |              |                       |
| 415V<br>kW/A                 | 690V<br>kW/A |                        | mm                      | mm    | mm    |      |              |                       |

##### White round handle

Auxiliary contacts: mounted 1NO

|        |        |             |     |    |    |            |                 |     |
|--------|--------|-------------|-----|----|----|------------|-----------------|-----|
| 7.5/16 | 7.5/10 | 2xM25/2xM25 | 120 | 85 | 60 | OTP16H3M25 | 1SCA022699R3000 | 0.4 |
|--------|--------|-------------|-----|----|----|------------|-----------------|-----|

##### Black round handle

Auxiliary contacts: mounted 1NO

|        |        |             |     |    |    |                            |                 |     |
|--------|--------|-------------|-----|----|----|----------------------------|-----------------|-----|
| 7.5/16 | 7.5/10 | 2xM20/2xM20 | 120 | 85 | 60 | OTP16HT3M                  | 1SCA022400R9410 | 0.4 |
| 7.5/16 | 7.5/10 | 2xM25/2xM25 | 120 | 85 | 60 | OTP16HT3M25                | 1SCA022699R3770 | 0.4 |
| 7.5/16 | 7.5/10 |             | 120 | 85 | 60 | OTP16HT3M251 <sup>1)</sup> | 1SCA022699R4070 | 0.4 |

##### Black rectangular handle

Auxiliary contacts: mounted 1NO

|        |        |               |     |    |    |            |                 |     |
|--------|--------|---------------|-----|----|----|------------|-----------------|-----|
| 7.5/16 | 7.5/10 | 2xM20 / 2xM20 | 120 | 85 | 60 | OTP16K3M   | 1SCA022400R9830 | 0.4 |
| 7.5/16 | 7.5/10 | 2xM25/2xM25   | 120 | 85 | 60 | OTP16K3M25 | 1SCA022699R4310 | 0.4 |

##### Red-yellow rectangular handle

Auxiliary contacts: mounted 1NO

|        |        |               |     |    |    |             |                 |     |
|--------|--------|---------------|-----|----|----|-------------|-----------------|-----|
| 7.5/16 | 7.5/10 | 2xM20 / 2xM20 | 120 | 85 | 60 | OTP16KA3M   | 1SCA022399R6590 | 0.4 |
| 7.5/16 | 7.5/10 | 2xM25/2xM25   | 120 | 85 | 60 | OTP16KA3M25 | 1SCA022699R4580 | 0.4 |

<sup>1)</sup> Does not contain auxiliary contact.

## Ordering information

### Plastic enclosed safety switches



OTP16T3M



OTP25...63T3M



OTP75...90T3M



OTP75...90T3U

#### Safety switches, 3-pole, IP65, black handle

The delivery includes a black selector handle (I-O/ON-OFF), N and PE-terminal, knock-out openings and auxiliary contacts according to the table below. Grey enclosure. Cover interlock and defeatable interlock included.

##### Cable entries from top and bottom

| Max. motor output/<br>AC-23A |              | Cable<br>openings/side | Enclosure<br>dimensions |             |             | Type | Order number | Weight<br>/unit<br>kg |
|------------------------------|--------------|------------------------|-------------------------|-------------|-------------|------|--------------|-----------------------|
|                              |              |                        | Height<br>mm            | Width<br>mm | Depth<br>mm |      |              |                       |
| 415V<br>kW/A                 | 690V<br>kW/A |                        |                         |             |             |      |              |                       |

##### Cable outlet type: Threaded knock-out

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|        |        |                     |     |     |     |          |                 |     |
|--------|--------|---------------------|-----|-----|-----|----------|-----------------|-----|
| 7,5/16 | 7,5/10 | 2xM25+M16/2xM25+M16 | 150 | 130 | 60  | OTP16T3M | 1SCA022400R9910 | 0.5 |
| 15/30  | 15/20  | 2xM32+M16/2xM32+M16 | 200 | 145 | 90  | OTP25T3M | 1SCA022401R0090 | 0.9 |
| 22/45  | 15/20  |                     | 200 | 145 | 90  | OTP36T3M | 1SCA022401R0170 | 0.9 |
| 30/63  | 30/35  | 2xM50+M16/2xM50+M16 | 200 | 145 | 90  | OTP63T3M | 1SCA022608R2910 | 1   |
| 37/80  | 37/40  |                     | 400 | 200 | 140 | OTP75T3M | 1SCA022812R2890 | 2.4 |
| 45/90  | 45/50  |                     | 400 | 200 | 140 | OTP90T3M | 1SCA022812R2970 | 2.4 |

##### Cable outlet type: Blank

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|       |       |             |     |     |     |          |                 |     |
|-------|-------|-------------|-----|-----|-----|----------|-----------------|-----|
| 37/80 | 37/40 | Blank/Blank | 400 | 200 | 140 | OTP75T3U | 1SCA022401R0250 | 2.4 |
| 45/90 | 45/50 |             | 400 | 200 | 140 | OTP90T3U | 1SCA022430R0760 | 2.4 |

##### Cable outlet type: Knockout

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|       |       |                     |     |     |     |          |                 |     |
|-------|-------|---------------------|-----|-----|-----|----------|-----------------|-----|
| 37/80 | 37/40 | I-flange / I-flange | 400 | 200 | 140 | OTP75T3B | 1SCA022371R2910 | 2.4 |
| 45/90 | 45/50 |                     | 400 | 200 | 140 | OTP90T3B | 1SCA022429R3450 | 2.4 |

Compression glands or flanges to be ordered separately.

## Ordering information

### Plastic enclosed safety switches

#### Safety switches, 3-pole, IP65, black handle

The delivery includes a black pistol handle (I-O/ON-OFF), PE-terminal, knock-out openings and auxiliary contacts according to the table below. Grey enclosure. Cover interlock and defeatable interlock included.



OT90...125GFCC3T

OT160EVFCC3T,  
OT200...250KFCC3T

OT315KFCC3T



OT400DFCC3T

OT630KFCC3T,  
OT1000BFCC3T,  
OT400DGCC3T,  
OT630KGCC3T

OT200...315KGCC3T

#### Cable entries from top and bottom

| Max. motor output/<br>AC-23A |              | Cable<br>openings/side | Enclosure<br>dimensions |       |       | Type | Order number | Weight<br>/unit<br>kg |
|------------------------------|--------------|------------------------|-------------------------|-------|-------|------|--------------|-----------------------|
|                              |              |                        | Height                  | Width | Depth |      |              |                       |
| 415V<br>kW/A                 | 690V<br>kW/A |                        | mm                      | mm    | mm    |      |              |                       |

#### Cable outlet type: Threaded knock-out

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|          |           |                         |     |     |     |              |                 |     |
|----------|-----------|-------------------------|-----|-----|-----|--------------|-----------------|-----|
| 45/90    | 75/90     | II-flange/II-flange     | 380 | 280 | 130 | OT90GFCC3T   | 1SCA148610R1001 | 3.4 |
| 55/125   | 110/125   |                         | 380 | 280 | 130 | OT125GFCC3T  | 1SCA148608R1001 | 3.4 |
| 80/160   | 144/160   |                         | 560 | 280 | 130 | OT160EVFCC3T | 1SCA148656R1001 | 5.4 |
| 110/200  | 160/200   |                         | 560 | 280 | 130 | OT200KFCC3T  | 1SCA022260R5370 | 9   |
| 132/250  | 200/250   |                         | 560 | 280 | 130 | OT250KFCC3T  | 1SCA022276R8830 | 9   |
| 160/315  | 250/315   | 2xII-flange/2xII-flange | 560 | 380 | 180 | OT315KFCC3T  | 1SCA022276R9810 | 9   |
| 220/400  | 355/400   |                         | 840 | 380 | 180 | OT400DFCC3T  | 1SCA022277R0490 | 16  |
| 315/570  | 560/570   |                         | 760 | 560 | 250 | OT630KFCC3T  | 1SCA022277R1030 | 20  |
| 560/1000 | 1000/1000 |                         | 760 | 560 | 250 | OT1000BFCC3T | 1SCA022277R1620 | 35  |

#### Cable entries from bottom

| Max. motor output/<br>AC-23A |              | Cable<br>openings/side | Enclosure<br>dimensions |       |       | Type | Order number | Weight<br>/unit<br>kg |
|------------------------------|--------------|------------------------|-------------------------|-------|-------|------|--------------|-----------------------|
|                              |              |                        | Height                  | Width | Depth |      |              |                       |
| 415V<br>kW/A                 | 690V<br>kW/A |                        | mm                      | mm    | mm    |      |              |                       |

#### Cable outlet type: Knock-out

Auxiliary contacts included: 2NO+2NC • Auxiliary contacts max: 2NO+2NC

|         |         |                         |     |     |     |             |                 |    |
|---------|---------|-------------------------|-----|-----|-----|-------------|-----------------|----|
| 110/200 | 160/200 | II-flange/II-flange     | 560 | 380 | 180 | OT200KGCC3T | 1SCA022276R8670 | 9  |
| 132/250 | 200/250 |                         | 560 | 380 | 180 | OT250KGCC3T | 1SCA022276R9640 | 9  |
| 160/315 | 250/315 |                         | 560 | 380 | 180 | OT315KGCC3T | 1SCA022277R0220 | 9  |
| 220/400 | 355/400 | 2xII-flange/2xII-flange | 760 | 560 | 250 | OT400DGCC3T | 1SCA022277R0810 | 24 |
| 315/570 | 560/570 |                         | 760 | 560 | 250 | OT630KGCC3T | 1SCA022277R1460 | 26 |

Compression glands or flanges to be ordered separately.



## Ordering information

### Plastic enclosed safety switches



OTP16T4M



OTP25...63T4M



OTP75...90T4M



OTP75...90T4U



OT125GFCC4T



OT200...315KFCC4T



OT400DFCC4T

#### Safety switches, 4-pole, IP65, black handle

The delivery includes a black handle (I-O/ON-OFF), PE-terminals, knock-out openings and auxiliary contacts according to the table below. Cover interlock and defeatable interlock included.

##### Cable entries from top and bottom

| Max. motor output/<br>AC-23A |              | Cable<br>openings/side | Enclosure<br>dimensions |             |             | Type | Order number | Weight<br>/unit<br>kg |
|------------------------------|--------------|------------------------|-------------------------|-------------|-------------|------|--------------|-----------------------|
| 415V<br>kW/A                 | 690V<br>kW/A |                        | Height<br>mm            | Width<br>mm | Depth<br>mm |      |              |                       |

##### Selector handle

**N-terminal included. Threaded knock-out openings, also for control cables.**

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|        |        |                     |     |     |     |          |                 |      |
|--------|--------|---------------------|-----|-----|-----|----------|-----------------|------|
| 7,5/16 | 7,5/10 | 2xM25+M16/2xM25+M16 | 150 | 130 | 60  | OTP16T4M | 1SCA022401R0500 | 0.53 |
| 15/30  | 15/20  | 2xM32+M16/2xM32+M16 | 200 | 145 | 90  | OTP25T4M | 1SCA022401R0680 | 0.96 |
| 22/45  | 15/20  |                     | 200 | 145 | 90  | OTP36T4M | 1SCA022401R0760 | 0.96 |
| 30/63  | 30/35  | 2xM50+M16/2xM50+M16 | 200 | 145 | 90  | OTP63T4M | 1SCA150558R1001 | 1.1  |
| 37/80  | 37/40  |                     | 400 | 200 | 140 | OTP75T4M | 1SCA022812R3010 | 2.5  |
| 45/90  | 45/50  |                     | 400 | 200 | 140 | OTP90T4M | 1SCA022812R3190 | 2.5  |

**N-terminal included. Cable outlet type: Blank**

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|       |       |             |     |     |     |          |                 |     |
|-------|-------|-------------|-----|-----|-----|----------|-----------------|-----|
| 37/80 | 37/40 | Blank/Blank | 400 | 200 | 140 | OTP75T4U | 1SCA022401R0840 | 2.5 |
| 45/90 | 45/50 |             | 400 | 200 | 140 | OTP90T4U | 1SCA022430R1570 | 2.5 |

##### Pistol handle

**Cable opening type: knock-out**

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|       |       |                     |     |     |     |          |                 |     |
|-------|-------|---------------------|-----|-----|-----|----------|-----------------|-----|
| 37/80 | 37/80 | I-flange / I-flange | 400 | 200 | 140 | OTP75T4B | 1SCA022383R0860 | 2.5 |
| 45/90 | 45/50 |                     | 400 | 200 | 140 | OTP90T4B | 1SCA022430R1310 | 2.5 |

Auxiliary contacts included: 1NO+1NC • Auxiliary contacts max: 2NO+2NC

|        |         |                     |     |     |     |             |                 |     |
|--------|---------|---------------------|-----|-----|-----|-------------|-----------------|-----|
| 55/125 | 110/125 | II-flange/II-flange | 380 | 280 | 130 | OT125GFCC4T | 1SCA148612R1001 | 3.6 |
|--------|---------|---------------------|-----|-----|-----|-------------|-----------------|-----|

Auxiliary contacts included: 2NO+1NC • Auxiliary contacts max: 2NO+1NC

|         |         |                     |     |     |     |              |                 |     |
|---------|---------|---------------------|-----|-----|-----|--------------|-----------------|-----|
| 80/160  | 144/160 | II-flange/II-flange | 560 | 280 | 180 | OT160EVFCC4T | 1SCA148675R1001 | 7.5 |
| 110/200 | 160/200 |                     | 560 | 380 | 180 | OT200KFCC4T  | 1SCA022367R9430 | 9.3 |
| 132/250 | 200/250 |                     | 560 | 380 | 180 | OT250KFCC4T  | 1SCA022619R2250 | 9.3 |
| 160/315 | 250/315 |                     | 560 | 380 | 180 | OT315KFCC4T  | 1SCA022367R9510 | 9.3 |
| 220/400 | 355/400 |                     | 840 | 380 | 180 | OT400DFCC4T  | 1SCA022623R3970 | 17  |

Compression glands or flanges to be ordered separately.

## Ordering information

### Plastic enclosed safety switches



OTP16T6M



OTP25...36T6M



OTP75...90T6M



OTP75...90T6U



OT90...125GFCC6T

OT160EVFCC6T,  
OT200...315KFCC6T,  
OT400DFCC6T

#### Safety switches, 6-pole, IP65, black handle

The delivery includes a black handle (I-O/ON-OFF), PE-terminals, knock-out openings and auxiliary contacts according to the table below. Grey enclosure. Cover interlock and defeatable interlock included.

##### Cable entries from top and bottom

| Max. motor output/<br>AC-23A | Cable openings/side | Enclosure dimensions |             |             | Type | Order number | Weight /unit<br>kg |
|------------------------------|---------------------|----------------------|-------------|-------------|------|--------------|--------------------|
|                              |                     | Height<br>mm         | Width<br>mm | Depth<br>mm |      |              |                    |
| 415V<br>kW/A                 | 690V<br>kW/A        |                      |             |             |      |              |                    |

##### Selector handle

N-terminal included. Threaded knock-out openings, also for control cables.

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+1NC

|        |        |                     |     |     |    |          |                 |     |
|--------|--------|---------------------|-----|-----|----|----------|-----------------|-----|
| 7,5/16 | 7,5/10 | 2xM25+M16/2xM25+M16 | 150 | 130 | 85 | OTP16T6M | 1SCA022401R1730 | 0.7 |
|--------|--------|---------------------|-----|-----|----|----------|-----------------|-----|

##### Pistol handle

N-terminal included. Threaded knock-out openings, also for control cables.

Auxiliary contacts included: 1NO • Auxiliary contacts max: 1NO+1NC

|       |       |                     |     |     |    |          |                 |     |
|-------|-------|---------------------|-----|-----|----|----------|-----------------|-----|
| 15/30 | 15/20 | 2xM32+M16/2xM32+M16 | 200 | 145 | 90 | OTP25T6M | 1SCA022401R1810 | 1.2 |
| 22/45 | 15/20 |                     | 200 | 145 | 90 | OTP36T6M | 1SCA022401R1900 | 1.2 |

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|       |       |                     |     |     |     |          |                 |     |
|-------|-------|---------------------|-----|-----|-----|----------|-----------------|-----|
| 37/80 | 37/40 | 2xM50+M16/2xM50+M16 | 400 | 200 | 140 | OTP75T6M | 1SCA022812R3270 | 3.2 |
| 45/90 | 45/50 |                     | 400 | 200 | 140 | OTP90T6M | 1SCA022812R3350 | 3.2 |

N-terminal included. Cable outlet type: Blank

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|       |       |             |     |     |     |          |                 |     |
|-------|-------|-------------|-----|-----|-----|----------|-----------------|-----|
| 37/80 | 37/40 | Blank/Blank | 400 | 200 | 140 | OTP75T6U | 1SCA022401R2030 | 3.2 |
| 45/90 | 45/50 |             | 400 | 200 | 140 | OTP90T6U | 1SCA022430R2460 | 3.2 |

Cable outlet type: knock-out.

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|       |       |                     |     |     |     |          |                 |     |
|-------|-------|---------------------|-----|-----|-----|----------|-----------------|-----|
| 30/63 | 30/35 | I-flange / I-flange | 400 | 200 | 140 | OTP63T6B | 1SCA022485R6440 | 2.5 |
| 37/80 | 37/40 |                     | 400 | 200 | 140 | OTP75T6B | 1SCA022371R3040 | 3.2 |
| 45/90 | 45/50 |                     | 400 | 200 | 140 | OTP90T6B | 1SCA022430R2380 | 3.2 |

Auxiliary contacts included: 2NO+4NC • Auxiliary contacts max: 2NO+2NC

|        |         |                     |     |     |     |             |                 |   |
|--------|---------|---------------------|-----|-----|-----|-------------|-----------------|---|
| 45/90  | 75/90   | II-flange/II-flange | 560 | 380 | 180 | OT90GFCC6T  | 1SCA148666R1001 | 8 |
| 55/125 | 110/125 |                     | 560 | 380 | 180 | OT125GFCC6T | 1SCA148668R1001 | 8 |

Auxiliary contacts included: 4NO+2NC • Auxiliary contacts max: 4NO+2NC

|         |         |                         |     |     |     |              |                 |      |
|---------|---------|-------------------------|-----|-----|-----|--------------|-----------------|------|
| 80/160  | 144/160 | 2xII-flange/2xII-flange | 760 | 560 | 250 | OT160EVFCC6T | 1SCA148660R1001 | 13.5 |
| 110/200 | 160/200 |                         | 760 | 560 | 250 | OT200KFCC6T  | 1SCA022260R5530 | 21   |
| 132/250 | 200/250 |                         | 760 | 560 | 250 | OT250KFCC6T  | 1SCA022276R9480 | 21   |
| 160/315 | 250/315 |                         | 760 | 560 | 250 | OT315KFCC6T  | 1SCA022277R0060 | 21   |
| 220/400 | 355/400 |                         | 760 | 560 | 250 | OT400DFCC6T  | 1SCA022277R0650 | 29   |
|         |         |                         |     |     |     |              |                 |      |

Compression glands or flanges to be ordered separately.

## Ordering information

### Plastic enclosed safety switches

#### Safety switches, 3-pole, IP65, red-yellow handle

The delivery includes a red-yellow handle (I-O/ON-OFF), PE-terminal, knock-out openings and auxiliary contacts according to the table below. Grey enclosure. Cover interlock and defeatable interlock included.



OTP16A3M



OTP25...63A3M



OTP75...90A3M



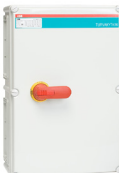
OTP75...90A3U

OT90...125GFCC3A,  
OT160EVFCC3A,  
OT200...315KFCC3A

OT400DFCC3A



OT630KFCC3A

OT315KFCC3A,  
OT200...315KGCC3AOT1000BFCC3A,  
OT400DGCC3A,  
OT630KGCC3A

#### Cable entries from top and bottom

| Max. motor output/<br>AC-23A |              | Cable openings/side | Enclosure dimensions |             |             | Type | Order number | Weight /unit<br>kg |
|------------------------------|--------------|---------------------|----------------------|-------------|-------------|------|--------------|--------------------|
| 415V<br>kW/A                 | 690V<br>kW/A |                     | Height<br>mm         | Width<br>mm | Depth<br>mm |      |              |                    |

#### Selector handle

**N-terminal included. Threaded knock-out openings, also for control cables.**

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|        |        |                     |     |     |     |          |                 |     |
|--------|--------|---------------------|-----|-----|-----|----------|-----------------|-----|
| 7,5/16 | 7,5/10 | 2xM25+M16/2xM25+M16 | 150 | 130 | 85  | OTP16A3M | 1SCA022399R6750 | 0.5 |
| 15/30  | 15/20  | 2xM32+M16/2xM32+M16 | 200 | 145 | 90  | OTP25A3M | 1SCA022399R6670 | 0.9 |
| 22/45  | 15/20  |                     | 200 | 145 | 90  | OTP36A3M | 1SCA022399R6830 | 0.9 |
| 30/63  | 30/35  | 2xM50+M16/2xM50+M16 | 200 | 145 | 90  | OTP63A3M | 1SCA022613R1200 | 1   |
| 37/80  | 37/40  |                     | 400 | 200 | 140 | OTP75A3M | 1SCA022812R3430 | 2.4 |
| 45/90  | 45/50  |                     | 400 | 200 | 140 | OTP90A3M | 1SCA022812R3510 | 2.4 |

**N-terminal included. Cable outlet type: Blank**

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|       |       |             |     |     |     |          |                 |     |
|-------|-------|-------------|-----|-----|-----|----------|-----------------|-----|
| 37/80 | 37/40 | Blank/Blank | 400 | 200 | 140 | OTP75A3U | 1SCA022401R0410 | 2.4 |
| 45/90 | 45/50 |             | 400 | 200 | 140 | OTP90A3U | 1SCA022430R1060 | 2.4 |

**N-terminal included. Cable outlet type: knock-out.**

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|       |       |                     |     |     |     |          |                 |     |
|-------|-------|---------------------|-----|-----|-----|----------|-----------------|-----|
| 37/80 | 37/40 | I-flange / I-flange | 400 | 200 | 140 | OTP75A3B | 1SCA022382R0550 | 2.4 |
| 45/90 | 45/50 |                     | 400 | 200 | 140 | OTP90A3B | 1SCA022430R0410 | 2.4 |

Auxiliary contacts included: 2NO+0NC • Auxiliary contacts max: 2NO+2NC

|       |       |                     |     |     |     |            |                 |     |
|-------|-------|---------------------|-----|-----|-----|------------|-----------------|-----|
| 45/90 | 75/90 | II-flange/II-flange | 380 | 280 | 130 | OT90GFCC3A | 1SCA148609R1001 | 3.4 |
|-------|-------|---------------------|-----|-----|-----|------------|-----------------|-----|

Auxiliary contacts included: 2NO+0NC • Auxiliary contacts max: 2NO+2NC

|        |         |                     |     |     |     |             |                 |     |
|--------|---------|---------------------|-----|-----|-----|-------------|-----------------|-----|
| 55/125 | 110/125 | II-flange/II-flange | 380 | 280 | 130 | OT125GFCC3A | 1SCA148607R1001 | 3.4 |
|--------|---------|---------------------|-----|-----|-----|-------------|-----------------|-----|

Auxiliary contacts included: 2NO+1NC • Auxiliary contacts max: 2NO+2NC

|          |           |                         |     |     |     |              |                 |     |
|----------|-----------|-------------------------|-----|-----|-----|--------------|-----------------|-----|
| 80/160   | 144/160   | II-flange/II-flange     | 560 | 280 | 130 | OT160EVFCC3A | 1SCA148655R1001 | 5.4 |
| 110/200  | 160/200   |                         | 560 | 280 | 130 | OT200KFCC3A  | 1SCA022278R1340 | 9   |
| 132/250  | 200/250   |                         | 560 | 280 | 130 | OT250KFCC3A  | 1SCA022278R1930 | 9   |
| 160/315  | 250/315   |                         | 560 | 380 | 180 | OT315KFCC3A  | 1SCA022278R2580 | 9   |
| 220/400  | 355/400   |                         | 840 | 380 | 180 | OT400DFCC3A  | 1SCA022278R3120 | 16  |
| 315/570  | 560/570   |                         | 760 | 560 | 250 | OT630KFCC3A  | 1SCA022278R3710 | 20  |
| 560/1000 | 1000/1000 | 2xII-flange/2xII-flange | 760 | 560 | 250 | OT1000BFCC3A | 1SCA022297R5620 | 35  |

#### Cable entries from bottom

| Max. motor output/<br>AC-23A |              | Cable openings/side | Enclosure dimensions |             |             | Type | Order number | Weight /unit<br>kg |
|------------------------------|--------------|---------------------|----------------------|-------------|-------------|------|--------------|--------------------|
| 415V<br>kW/A                 | 690V<br>kW/A |                     | Height<br>mm         | Width<br>mm | Depth<br>mm |      |              |                    |

**Cable outlet type: Knock-out**

Auxiliary contacts included: 2NO+1NC • Auxiliary contacts max: 2NO+1NC

|         |         |                         |     |     |     |             |                 |    |
|---------|---------|-------------------------|-----|-----|-----|-------------|-----------------|----|
| 110/200 | 160/200 | II-flange/II-flange     | 560 | 380 | 180 | OT200KGCC3A | 1SCA022297R6010 | 9  |
| 132/250 | 200/250 |                         | 560 | 380 | 180 | OT250KGCC3A | 1SCA022297R6270 | 9  |
| 160/315 | 250/315 |                         | 560 | 380 | 180 | OT315KGCC3A | 1SCA022298R8280 | 9  |
| 220/400 | 355/400 | 2xII-flange/2xII-flange | 760 | 560 | 250 | OT400DGCC3A | 1SCA022297R6430 | 24 |
| 315/570 | 560/570 |                         | 760 | 560 | 250 | OT630KGCC3A | 1SCA022297R6600 | 26 |

Compression glands or flanges to be ordered separately.



## Ordering information

### Plastic enclosed safety switches

#### Safety switches, 4-pole, IP65, red-yellow handle

The delivery includes a red-yellow handle (I-O/ON-OFF), N- and PE-terminals, knock-out openings and auxiliary contacts according to the table below. Grey enclosure. Cover interlock and defeatable interlock included.



OTP16A4M



OTP25...63A4M



OTP75...90A4M



OTP75...90A4U



OT125GFCC4A

OT160EVFCC4A,  
OT200...315KFCC4A

OT400DFCC4A

#### Cable entries from top and bottom

| Max. motor output/<br>AC-23A |              | Cable<br>openings/side | Enclosure<br>dimensions |             |             | Type | Order number | Weight<br>/unit<br>kg |
|------------------------------|--------------|------------------------|-------------------------|-------------|-------------|------|--------------|-----------------------|
| 415V<br>kW/A                 | 690V<br>kW/A |                        | Height<br>mm            | Width<br>mm | Depth<br>mm |      |              |                       |

#### Selector handle

##### Threaded knock-out openings, also for control cables.

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|        |        |                     |     |     |     |          |                 |      |
|--------|--------|---------------------|-----|-----|-----|----------|-----------------|------|
| 7,5/16 | 7,5/10 | 2xM25+M16/2xM25+M16 | 150 | 130 | 60  | OTP16A4M | 1SCA022401R1060 | 0.53 |
| 15/30  | 15/20  | 2xM32+M16/2xM32+M16 | 200 | 145 | 90  | OTP25A4M | 1SCA022401R1220 | 0.96 |
| 22/45  | 15/20  |                     | 200 | 145 | 90  | OTP36A4M | 1SCA022401R1490 | 0.96 |
| 30/63  | 30/35  | 2xM50+M16/2xM50+M16 | 200 | 145 | 90  | OTP63A4M | 1SCA150557R1001 | 1    |
| 37/80  | 37/40  |                     | 400 | 200 | 140 | OTP75A4M | 1SCA022812R3780 | 2.5  |
| 45/90  | 45/50  |                     | 400 | 200 | 140 | OTP90A4M | 1SCA022812R3860 | 2.3  |

#### Cable outlet type: blank.

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|       |       |             |     |     |     |          |                 |     |
|-------|-------|-------------|-----|-----|-----|----------|-----------------|-----|
| 37/80 | 37/40 | Blank/Blank | 400 | 200 | 140 | OTP75A4U | 1SCA022401R1650 | 2.5 |
| 45/90 | 45/50 |             | 400 | 200 | 140 | OTP90A4U | 1SCA022430R2030 | 2.5 |

#### Pistol handle

##### Cable outlet type: knock-out

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|       |       |                     |     |     |     |          |                 |     |
|-------|-------|---------------------|-----|-----|-----|----------|-----------------|-----|
| 37/80 | 37/40 | I-flange / I-flange | 400 | 200 | 140 | OTP75A4B | 1SCA022401R1570 | 2.5 |
| 45/90 | 45/50 |                     | 400 | 200 | 140 | OTP90A4B | 1SCA022430R1900 | 2.5 |

Auxiliary contacts included: 1NO+1NC • Auxiliary contacts max: 2NO+2NC

|        |         |                     |     |     |     |             |                 |     |
|--------|---------|---------------------|-----|-----|-----|-------------|-----------------|-----|
| 55/125 | 110/125 | II-flange/II-flange | 380 | 280 | 130 | OT125GFCC4A | 1SCA148611R1001 | 3.6 |
|--------|---------|---------------------|-----|-----|-----|-------------|-----------------|-----|

Auxiliary contacts included: 2NO+1NC • Auxiliary contacts max: 2NO+1NC

|         |         |                     |     |     |     |              |                 |     |
|---------|---------|---------------------|-----|-----|-----|--------------|-----------------|-----|
| 80/160  | 144/160 | II-flange/II-flange | 560 | 380 | 180 | OT160EVFCC4A | 1SCA148674R1001 | 7.5 |
| 110/200 | 160/200 |                     | 560 | 380 | 180 | OT200KFCC4A  | 1SCA022745R6460 | 9.3 |
| 132/250 | 200/250 |                     | 560 | 380 | 180 | OT250KFCC4A  | 1SCA022745R6540 | 9.3 |
| 160/315 | 250/315 |                     | 560 | 380 | 180 | OT315KFCC4A  | 1SCA022745R6620 | 9.3 |
| 220/400 | 355/400 |                     | 840 | 380 | 180 | OT400DFCC4A  | 1SCA022745R6710 | 17  |

Compression glands or flanges to be ordered separately.

## Ordering information

### Plastic enclosed safety switches

#### Safety switches, 6-pole, IP65, red-yellow handle

The delivery includes a red-yellow handle (I-O/ON-OFF), PE-terminal, knock-out openings and auxiliary contacts according to the table below. Grey enclosure. Cover interlock and defeatable interlock included.

##### Cable entries from top and bottom

| Max. motor output/<br>AC-23A |              | Cable<br>openings/side | Enclosure<br>dimensions |             |             | Type | Order number | Weight<br>/unit<br>kg |
|------------------------------|--------------|------------------------|-------------------------|-------------|-------------|------|--------------|-----------------------|
| 415V<br>kW/A                 | 690V<br>kW/A |                        | Height<br>mm            | Width<br>mm | Depth<br>mm |      |              |                       |



OTP16A6M



OTP25...36A6M



OTP75...90A6M



OTP75...90A6U



OT90...125GFCC6A

OT160EVFCC6A,  
OT200...315KFCC6A,  
OT400DFCC6A

##### Selector handle

**N-terminal included. Threaded knock-out openings, also for control cables.**

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+1NC

|        |        |                     |     |     |    |          |                 |     |
|--------|--------|---------------------|-----|-----|----|----------|-----------------|-----|
| 7,5/16 | 7,5/10 | 2xM25+M16/2xM25+M16 | 150 | 130 | 85 | OTP16A6M | 1SCA022401R2200 | 0.7 |
|--------|--------|---------------------|-----|-----|----|----------|-----------------|-----|

##### Pistol handle

**N-terminal included. Threaded knock-out openings, also for control cables.**

Auxiliary contacts included: 1NO • Auxiliary contacts max: 1NO+1NC

|       |       |                       |     |     |    |          |                 |     |
|-------|-------|-----------------------|-----|-----|----|----------|-----------------|-----|
| 15/30 | 15/20 | 2xM32+M16 / 2xM32+M16 | 200 | 145 | 90 | OTP25A6M | 1SCA022401R2460 | 1.2 |
| 22/45 | 15/20 |                       | 200 | 145 | 90 | OTP36A6M | 1SCA022401R2620 | 1.2 |

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|       |       |                       |     |     |     |          |                 |     |
|-------|-------|-----------------------|-----|-----|-----|----------|-----------------|-----|
| 37/80 | 37/40 | 2xM50+M16 / 2xM50+M16 | 400 | 200 | 140 | OTP75A6M | 1SCA022812R3940 | 3.2 |
| 45/90 | 45/50 |                       | 400 | 200 | 140 | OTP90A6M | 1SCA022812R4080 | 3.2 |

**N-terminal included. Cable outlet type: blank**

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|       |       |             |     |     |     |          |                 |     |
|-------|-------|-------------|-----|-----|-----|----------|-----------------|-----|
| 37/80 | 37/40 | Blank/Blank | 400 | 200 | 140 | OTP75A6U | 1SCA022401R2890 | 3.2 |
| 45/90 | 45/50 |             | 400 | 200 | 140 | OTP90A6U | 1SCA022430R2620 | 3.2 |

**Cable opening type: knock-out**

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|       |       |                     |     |     |     |          |                 |     |
|-------|-------|---------------------|-----|-----|-----|----------|-----------------|-----|
| 30/63 | 30/35 | I-flange / I-flange | 400 | 200 | 140 | OTP63A6B | 1SCA022485R6280 | 2.5 |
| 37/80 | 37/40 |                     | 400 | 200 | 140 | OTP75A6B | 1SCA022401R2710 | 3.2 |
| 45/90 | 45/50 |                     | 400 | 200 | 140 | OTP90A6B | 1SCA022430R2540 | 3.2 |

Auxiliary contacts included: 2NO+2NC • Auxiliary contacts max: 2NO+2NC

|        |         |                     |     |     |     |             |                 |   |
|--------|---------|---------------------|-----|-----|-----|-------------|-----------------|---|
| 45/90  | 75/90   | II-flange/II-flange | 560 | 380 | 180 | OT90GFCC6A  | 1SCA148665R1001 | 8 |
| 55/125 | 110/125 |                     | 560 | 380 | 180 | OT125GFCC6A | 1SCA148667R1001 | 8 |

Auxiliary contacts included: 4NO+2NC • Auxiliary contacts max: 4NO+2NC

|         |         |                         |     |     |     |              |                 |      |
|---------|---------|-------------------------|-----|-----|-----|--------------|-----------------|------|
| 80/160  | 144/160 | 2xII-flange/2xII-flange | 760 | 560 | 250 | OT160EVFCC6A | 1SCA148661R1001 | 13.5 |
| 110/200 | 160/200 |                         | 760 | 560 | 250 | OT200KFCC6A  | 1SCA022297R8480 | 21   |
| 132/250 | 200/250 |                         | 760 | 560 | 250 | OT250KFCC6A  | 1SCA022297R8640 | 21   |
| 160/315 | 250/315 |                         | 760 | 560 | 250 | OT315KFCC6A  | 1SCA022292R7730 | 21   |
| 220/400 | 355/400 |                         | 760 | 560 | 250 | OT400DFCC6A  | 1SCA022297R8810 | 29   |

Compression glands or flanges to be ordered separately.

## Ordering information

### Plastic enclosed safety switches



BWS325TPN



BWS316WFTPN



BWS425TPSN



BWS625TPN



BWS325YTPN



BWS425YTPN



BWS625YTPN

#### Side operated safety switches, 3, 4 and 6-pole, IP54

Enclosure in robust thermoplastic (PBT). The safety switch comes complete with neutral, PE terminal, one N.O auxiliary contact, cable entries with metric threaded knock-outs, IP54 membrane glands. Cover interlock included.

Dark grey side-operated handle, dark grey cover

Cable entries from top and bottom

| Max. motor output/<br>AC-23A |              | Cable<br>openings/side | Enclosure<br>dimensions |       |       | Type | Order number | Weight<br>/unit<br>kg |
|------------------------------|--------------|------------------------|-------------------------|-------|-------|------|--------------|-----------------------|
|                              |              |                        | Height                  | Width | Depth |      |              |                       |
| 415V<br>kW/A                 | 690V<br>kW/A |                        | mm                      | mm    | mm    |      |              |                       |

#### 3-pole. Threaded knock-out openings, also for control cables.

Auxiliary contacts included: 1NO • Auxiliary contacts max: 1NO

|        |        |                 |     |     |    |           |                 |     |
|--------|--------|-----------------|-----|-----|----|-----------|-----------------|-----|
| 7,5/16 | 7,5/10 | 2xM25/2xM25     | 130 | 111 | 60 | BWS316TPN | 2CMA142417R1000 | 0.3 |
| 11/25  | 11/16  | 2xM32/2xM32+M16 | 168 | 138 | 68 | BWS325TPN | 2CMA142420R1000 | 0.4 |

Auxiliary contacts included: not included • Auxiliary contacts max: 1NO

|        |        |             |     |     |    |             |                 |      |
|--------|--------|-------------|-----|-----|----|-------------|-----------------|------|
| 7,5/16 | 7,5/10 | 2xM25/2xM25 | 130 | 111 | 60 | BWS316FTPN  | 2CMA142440R1000 | 0.31 |
| 7,5/16 | 7,5/10 | 2xM25/2xM25 | 130 | 111 | 60 | BWS316WFTPN | 2CMA106219R1000 | 0.31 |

#### 4-pole. Threaded knock-out openings, also for control cables.

Auxiliary contacts included: 1NO • Auxiliary contacts max: 1NO

|        |        |                 |     |     |    |            |                 |      |
|--------|--------|-----------------|-----|-----|----|------------|-----------------|------|
| 7,5/16 | 7,5/10 | 2xM25/2xM25     | 130 | 111 | 60 | BWS416TPSN | 2CMA142418R1000 | 0.32 |
| 11/25  | 11/16  | 2xM32/2xM32+M16 | 168 | 138 | 68 | BWS425TPSN | 2CMA142421R1000 | 0.42 |

#### 6-pole. Threaded knock-out openings, also for control cables.

Auxiliary contacts included: 1NO • Auxiliary contacts max: 1NO

|        |        |                                 |     |     |     |           |                 |      |
|--------|--------|---------------------------------|-----|-----|-----|-----------|-----------------|------|
| 7,5/16 | 7,5/10 | 2xø25.5+ø16.5/<br>2xø25.5+ø16.5 | 130 | 190 | 130 | BWS616TPN | 2CMA142419R1000 | 0.54 |
| 11/25  | 11/16  |                                 | 130 | 190 | 130 | BWS625TPN | 2CMA142422R1000 | 0.54 |

Red side-operated handle, yellow cover

Cable entries from top and bottom

| Max. motor output/<br>AC-23A |              | Cable<br>openings/side | Enclosure<br>dimensions |       |       | Type | Order number | Weight<br>/unit<br>kg |
|------------------------------|--------------|------------------------|-------------------------|-------|-------|------|--------------|-----------------------|
|                              |              |                        | Height                  | Width | Depth |      |              |                       |
| 415V<br>kW/A                 | 690V<br>kW/A |                        | mm                      | mm    | mm    |      |              |                       |

#### 3-pole. Threaded knock-out openings, also for control cables.

Auxiliary contacts included: 1NO • Auxiliary contacts max: 1NO

|        |        |                 |     |     |    |            |                 |      |
|--------|--------|-----------------|-----|-----|----|------------|-----------------|------|
| 7,5/16 | 7,5/10 | 2xM25/2xM25     | 130 | 111 | 60 | BWS316YTPN | 2CMA142423R1000 | 0.32 |
| 11/25  | 11/16  | 2xM32/2xM32+M16 | 168 | 138 | 68 | BWS325YTPN | 2CMA142426R1000 | 0.41 |

#### 4-pole. Threaded knock-out openings, also for control cables.

Auxiliary contacts included: 1NO • Auxiliary contacts max: 1NO

|        |        |                 |     |     |    |             |                 |      |
|--------|--------|-----------------|-----|-----|----|-------------|-----------------|------|
| 7,5/16 | 7,5/10 | 2xM25/2xM25     | 130 | 111 | 60 | BWS416YTPSN | 2CMA142424R1000 | 0.32 |
| 11/25  | 11/16  | 2xM32/2xM32+M16 | 168 | 138 | 68 | BWS425YTPSN | 2CMA142427R1000 | 0.42 |

#### 6-pole. Threaded knock-out openings, also for control cables.

Auxiliary contacts included: 1NO • Auxiliary contacts max: 1NO

|        |        |                                 |     |     |     |            |                 |      |
|--------|--------|---------------------------------|-----|-----|-----|------------|-----------------|------|
| 7,5/16 | 7,5/10 | 2xø25.5+ø16.5/<br>2xø25.5+ø16.5 | 130 | 190 | 130 | BWS616YTPN | 2CMA142425R1000 | 0.54 |
| 11/25  | 11/16  |                                 | 130 | 190 | 130 | BWS625YTPN | 2CMA142428R1000 | 0.54 |

Compression glands or flanges to be ordered separately.



## Ordering information

### Steel sheet enclosed safety switches

#### Safety switches, 3-pole, IP65, black handle

The delivery includes a black handle (I-O/ON-OFF) PE-terminal and auxiliary contact 1NO. Knock-out type cable openings included, cable outlets also for control cable. Hinged cover, grey enclosure, equipped with hinges and lock. Auxiliary contacts are wired to the terminal blocks in sizes 200A...800A. Cover interlock and defeatable interlock included.

#### Cable entries from top and bottom

| Max. motor output/<br>AC-23A |              | Cable<br>openings/side | Enclosure<br>dimensions |             |             | Type | Order number | Weight<br>/unit<br>kg |
|------------------------------|--------------|------------------------|-------------------------|-------------|-------------|------|--------------|-----------------------|
| 415V<br>kW/A                 | 690V<br>kW/A |                        | Height<br>mm            | Width<br>mm | Depth<br>mm |      |              |                       |



OTL16...36T3M

OTL16T3M32,  
OTL25...36T3M25

OTL63T3M



OTL75...90T3B



OTL75...90T3U



OTL16...63T3B

#### Selector handle

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|        |          |                             |     |     |     |            |                 |     |
|--------|----------|-----------------------------|-----|-----|-----|------------|-----------------|-----|
| 7,5/16 | 7,5kW/10 | 2xø25.5/2xø25.5             | 200 | 150 | 100 | OTL16T3M   | 1SCA022612R9810 | 1.7 |
| 7,5/16 | 7,5kW/10 | 2xø32.5+ø16.5/2xø32.5+ø16.5 | 200 | 150 | 100 | OTL16T3M32 | 1SCA130523R1001 | 1.7 |

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+1NC

|       |         |                             |     |     |     |            |                 |     |
|-------|---------|-----------------------------|-----|-----|-----|------------|-----------------|-----|
| 15/30 | 15kW/20 | 2xø32.5+ø16.5/2xø32.5+ø16.5 | 200 | 150 | 100 | OTL25T3M   | 1SCA022612R9990 | 1.9 |
| 15/30 | 15kW/20 | 2xø25.5+ø16.5/2xø25.5+ø16.5 | 200 | 150 | 100 | OTL25T3M25 | 1SCA122326R1001 | 1.9 |
| 22/45 | 15kW/20 | 2xø32.5+ø16.5/2xø32.5+ø16.5 | 200 | 150 | 100 | OTL36T3M   | 1SCA022613R0060 | 1.9 |
| 22/45 | 15kW/20 | 2xø25.5+ø16.5/2xø25.5+ø16.5 | 200 | 150 | 100 | OTL36T3M25 | 1SCA100645R1001 | 1.9 |

#### Pistol handle

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|       |         |                             |     |     |     |          |                 |     |
|-------|---------|-----------------------------|-----|-----|-----|----------|-----------------|-----|
| 30/63 | 30kW/35 | 2xø32.5+ø16.5/2xø32.5+ø16.5 | 250 | 165 | 110 | OTL63T3M | 1SCA022609R7180 | 2.4 |
| 37/80 | 37kW/40 | B-flange/B-flange           | 300 | 200 | 135 | OTL75T3B | 1SCA022546R0820 | 3.3 |
| 37/80 | 37kW/40 | Blank/Blank                 | 300 | 200 | 135 | OTL75T3U | 1SCA022718R4520 | 3.3 |
| 45/90 | 45kW/50 | B-flange/B-flange           | 300 | 200 | 135 | OTL90T3B | 1SCA022546R1120 | 3.3 |
| 45/90 | 45kW/50 | Blank/Blank                 | 300 | 200 | 135 | OTL90T3U | 1SCA022718R4610 | 3.1 |

#### Cable entries from bottom

| Max. motor output/<br>AC-23A |              | Cable<br>openings/side | Enclosure<br>dimensions |             |             | Type | Order number | Weight<br>/unit<br>kg |
|------------------------------|--------------|------------------------|-------------------------|-------------|-------------|------|--------------|-----------------------|
| 415V<br>kW/A                 | 690V<br>kW/A |                        | Height<br>mm            | Width<br>mm | Depth<br>mm |      |              |                       |

#### Selector handle

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|        |        |                |     |     |     |          |                 |     |
|--------|--------|----------------|-----|-----|-----|----------|-----------------|-----|
| 7,5/16 | 7,5/10 | Blank/B-flange | 200 | 150 | 100 | OTL16T3B | 1SCA022571R9150 | 1.7 |
|--------|--------|----------------|-----|-----|-----|----------|-----------------|-----|

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+1NC

|       |       |                |     |     |     |          |                 |     |
|-------|-------|----------------|-----|-----|-----|----------|-----------------|-----|
| 15/30 | 15/20 | Blank/B-flange | 200 | 150 | 100 | OTL25T3B | 1SCA022571R9230 | 1.9 |
| 22/45 | 15/20 |                | 200 | 150 | 100 | OTL36T3B | 1SCA022571R9310 | 1.9 |
| 30/63 | 30/35 |                | 200 | 150 | 100 | OTL63T3B | 1SCA022571R9400 | 2.0 |

#### Pistol handle

Auxiliary contacts included: 1NO+1NC • Auxiliary contacts max: 2NO+2NC

|       |       |               |     |     |     |                           |                 |     |
|-------|-------|---------------|-----|-----|-----|---------------------------|-----------------|-----|
| 45/90 | 75/90 | Blank / Blank | 400 | 250 | 180 | OT90GLUU3TZ <sup>1)</sup> | 1SCA148207R1001 | 9.4 |
|-------|-------|---------------|-----|-----|-----|---------------------------|-----------------|-----|

Auxiliary contacts included: 2NO+1NC • Auxiliary contacts max: 2NO+1NC

|         |         |             |     |     |     |              |                 |       |
|---------|---------|-------------|-----|-----|-----|--------------|-----------------|-------|
| 110/200 | 160/200 | Blank/Blank | 600 | 400 | 230 | OT200KLUU3TZ | 1SCA022581R0310 | 30    |
| 132/250 | 200/250 |             | 600 | 400 | 230 | OT250KLUU3TZ | 1SCA022581R0400 | 21    |
| 160/315 | 250/315 |             | 600 | 400 | 230 | OT315KLUU3TZ | 1SCA022581R0580 | 21    |
| 220/400 | 355/400 |             | 800 | 400 | 230 | OT400DLUU3TZ | 1SCA022581R0660 | 22.07 |



OT200...315KLUU3TZ

Compression glands or flanges to be ordered separately.

<sup>1)</sup> Knock-outs 10, 12.5, 20.5, 25.5, 32.5, 40.5 mm

## Ordering information

### Steel sheet enclosed safety switches

#### Safety switches with ring-flange cable entries, 3-pole, IP65, black handle

The delivery includes a black pistol type handle (I-O/ON-OFF), PE-terminal and grey enclosure. Fixed cable entry with ring-flange entries. Entry plate fixing profiles are used also for mounting the safety switch. Auxiliary contacts are wired to the terminal blocks in sizes 200A...800A. Cover interlock and defeatable interlock included.



OT160EVLRR3TZ,  
OT200...315KLRR3TZ



OT1000BBRR3TZ



OT400DLRR3TZ

#### Cable entries from top and bottom

| Max. motor output/<br>AC-23A<br>415V<br>kW/A                                                                                 | Cable<br>openings/side          | Enclosure dimensions |             |             | Cover flanges included<br>[pcs] | Type          | Order number    | Weight /unit<br>kg |
|------------------------------------------------------------------------------------------------------------------------------|---------------------------------|----------------------|-------------|-------------|---------------------------------|---------------|-----------------|--------------------|
|                                                                                                                              |                                 | Height<br>mm         | Width<br>mm | Depth<br>mm |                                 |               |                 |                    |
| Knock-outs: 3x10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm<br>Auxiliary contacts included: 2NO+1NC • Auxiliary contacts max: 2NO+1NC |                                 |                      |             |             |                                 |               |                 |                    |
| 80/160                                                                                                                       | 4xring-flange/<br>4xring-flange | 600                  | 400         | 230         | 6                               | OT160EVLRR3TZ | 1SCA148594R1001 | 19.41              |
| 110/200                                                                                                                      |                                 | 600                  | 400         | 230         | 6                               | OT200KLRR3TZ  | 1SCA022340R0770 | 21                 |
| 132/250                                                                                                                      |                                 | 600                  | 400         | 230         | 6                               | OT250KLRR3TZ  | 1SCA022340R1150 | 21                 |
| 160/315                                                                                                                      |                                 | 600                  | 400         | 230         | 6                               | OT315KLRR3TZ  | 1SCA022340R1580 | 21                 |
| 220/400                                                                                                                      |                                 | 800                  | 400         | 230         | 5                               | OT400DLRR3TZ  | 1SCA022340R1910 | 27                 |
| 315/570                                                                                                                      | 8xring-flange/<br>8xring-flange | 1000                 | 400         | 230         | 4                               | OT630KLRR3TZ  | 1SCA022281R6230 | 31                 |
| 400/720                                                                                                                      |                                 | 1000                 | 400         | 230         | 4                               | OT800ELRR3TZ  | 1SCA022827R8390 | 31                 |
| 560/1000                                                                                                                     |                                 | 1200                 | 800         | 330         | 10                              | OT1000BLRR3TZ | 1SCA022340R3520 | 66                 |
| 560/1000                                                                                                                     |                                 | 1200                 | 400         | 330         | 2                               | OT1000BBRR3TZ | 1SCA022340R3100 | 63                 |
| 710/1250                                                                                                                     |                                 | 1200                 | 800         | 330         | 10                              | OT1250ELRR3TZ | 1SCA102773R1001 | 66                 |

#### Cable entries from bottom

| Max.<br>motor<br>output/<br>AC-23A<br><br>415V<br><br>kW/A                                                                   | Cable<br>openings/side  | Enclosure<br>dimensions |       |       | Cover<br>flanges<br>included<br>[pcs] | Type          | Order number    | Weight<br>/unit<br><br>kg |
|------------------------------------------------------------------------------------------------------------------------------|-------------------------|-------------------------|-------|-------|---------------------------------------|---------------|-----------------|---------------------------|
|                                                                                                                              |                         | Height                  | Width | Depth |                                       |               |                 |                           |
|                                                                                                                              |                         | mm                      | mm    | mm    |                                       |               |                 |                           |
| Knock-outs: 3x10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm<br>Auxiliary contacts included: 1NO+1NC • Auxiliary contacts max: 2NO+2NC |                         |                         |       |       |                                       |               |                 |                           |
| 45/90                                                                                                                        | Blank/                  | 400                     | 400   | 230   | 4                                     | OT90GAUR3TZ   | 1SCA148436R1001 | 14.8                      |
| 55/125                                                                                                                       | 4xring-flange           | 400                     | 400   | 230   | 4                                     | OT125GAUR3TZ  | 1SCA148442R1001 | 14.8                      |
| Knock-outs: 3x10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm<br>Auxiliary contacts included: 2NO+1NC • Auxiliary contacts max: 2NO+1NC |                         |                         |       |       |                                       |               |                 |                           |
| 80/160                                                                                                                       | Blank/<br>4xring-flange | 600                     | 400   | 230   | 2                                     | OT160EVAUR3TZ | 1SCA147980R1001 | 21.91                     |
| 110/200                                                                                                                      |                         | 600                     | 400   | 230   | 2                                     | OT200KAUR3TZ  | 1SCA022281R6820 | 23                        |
| 132/250                                                                                                                      |                         | 800                     | 400   | 230   | 2                                     | OT250KAUR3TZ  | 1SCA022281R7040 | 27                        |
| 160/315                                                                                                                      |                         | 800                     | 400   | 230   | 2                                     | OT315KAUR3TZ  | 1SCA022281R7210 | 27                        |
| 220/400                                                                                                                      |                         | 800                     | 400   | 230   | 2                                     | OT400DAUR3TZ  | 1SCA022281R7470 | 30                        |
| 315/570                                                                                                                      | Blank/8xring-flange     | 1000                    | 800   | 230   | 4                                     | OT630KAUR3TZ  | 1SCA022281R7630 | 50                        |
| 315/570                                                                                                                      | Blank/4xring-flange     | 1000                    | 400   | 330   | 0                                     | OT630KBUR3TZ  | 1SCA022340R2710 | 48                        |
| 400/720                                                                                                                      | Blank/<br>8xring-flange | 1000                    | 800   | 230   | 4                                     | OT800EAUR3TZ  | 1SCA022827R8210 | 50                        |
| 560/1000                                                                                                                     |                         | 1200                    | 800   | 330   | 2                                     | OT1000BAUR3TZ | 1SCA022340R3950 | 73                        |
| 710/1250                                                                                                                     |                         | 1200                    | 800   | 330   | 2                                     | OT1250EAUR3TZ | 1SCA103273R1001 | 73                        |

Compression glands or flanges to be ordered separately.

## Ordering information

### Steel sheet enclosed safety switches



OT90...125GLCC3TZ

OT160EVLCC3TZ,  
OT200...315KLCC3TZ

OT400DLCC3TZ

OT630KLCC3TZ,  
OT800ELCC3TZOT800EBCC3TZ,  
OT1000BLCC3TZ,  
OT1250ELCC3TZ

OT1000BBCC3TZ

#### Safety switches with C-flange cable entries, 3-pole, IP65, black handle

The delivery includes a black pistol type handle (I-O/ON - OFF indication), PE-terminal, grey enclosure. Fixed cable entries with C-flange entries. Entry plate fixing profiles are used also for mounting the safety switch. Auxiliary contacts are wired to the terminal blocks in sizes 200A...800A. Cover interlock and defeatable interlock included.

#### Cable entries from top and bottom

| Max.<br>motor<br>output/<br>AC-23A                                     |                   | Enclosure<br>dimensions |       |       | Cover<br>flanges<br>included |              |                 | Weight<br>/unit |
|------------------------------------------------------------------------|-------------------|-------------------------|-------|-------|------------------------------|--------------|-----------------|-----------------|
|                                                                        |                   | Height                  | Width | Depth |                              |              |                 |                 |
| 415V                                                                   | Cable             |                         |       |       | [pcs]                        | Type         | Order number    |                 |
| kW/A                                                                   | openings/side     | mm                      | mm    | mm    |                              |              |                 | kg              |
| Knock-outs: 3x10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm                     |                   |                         |       |       |                              |              |                 |                 |
| Auxiliary contacts included: 1NO+1NC • Auxiliary contacts max: 2NO+2NC |                   |                         |       |       |                              |              |                 |                 |
| 45/90                                                                  | C-flange/C-flange | 400                     | 250   | 180   | 0                            | OT90GLCC3TZ  | 1SCA148204R1001 | 9.4             |
| 55/125                                                                 |                   | 400                     | 250   | 180   | 0                            | OT125GLCC3TZ | 1SCA148212R1001 | 9.4             |

Knock-outs: 3x10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm

Auxiliary contacts included: 2NO+1NC • Auxiliary contacts max: 2NO+1NC

|          |                           |      |     |     |   |               |                 |       |
|----------|---------------------------|------|-----|-----|---|---------------|-----------------|-------|
| 80/160   | 2xC-flange/<br>2xC-flange | 600  | 400 | 230 | 2 | OT160EVLCC3TZ | 1SCA148591R1001 | 19.41 |
| 110/200  |                           | 600  | 400 | 230 | 2 | OT200KLCC3TZ  | 1SCA022281R5420 | 21    |
| 132/250  |                           | 600  | 400 | 230 | 2 | OT250KLCC3TZ  | 1SCA022281R5690 | 21    |
| 160/315  |                           | 600  | 400 | 230 | 2 | OT315KLCC3TZ  | 1SCA022281R5850 | 21    |
| 220/400  |                           | 800  | 400 | 230 | 2 | OT400DLCC3TZ  | 1SCA022281R6070 | 27    |
| 315/570  |                           | 1000 | 400 | 230 | 2 | OT630KLCC3TZ  | 1SCA022340R2390 | 31    |
| 400/720  | 6xC-flange/<br>6xC-flange | 1000 | 400 | 230 | 2 | OT800ELCC3TZ  | 1SCA022282R0700 | 31    |
| 400/720  |                           | 1200 | 800 | 330 | 0 | OT800EBCC3TZ  | 1SCA138016R1001 | 50    |
| 560/1000 | 3xC-flange/<br>3xC-flange | 1200 | 800 | 330 | 8 | OT1000BLCC3TZ | 1SCA022340R3790 | 67    |
| 560/1000 |                           | 1200 | 400 | 330 | 2 | OT1000BBCC3TZ | 1SCA022340R3360 | 63    |
| 710/1250 | 6xC-flange/<br>6xC-flange | 1200 | 800 | 330 | 8 | OT1250ELCC3TZ | 1SCA102769R1001 | 63    |

Compression glands or flanges to be ordered separately.



## Ordering information

### Steel sheet enclosed safety switches



OT160EVAUC3TZ,  
OT200KAUC3TZ



OT630KBUC3TZ



OT1000BAUC3TZ,  
OT1250EAUC3TZ

#### Safety switches with C-flange cable entries, 3-pole, IP65, black handle

The delivery includes a black pistol type handle (I-O/ON - OFF indication), PE-terminal, grey enclosure. Fixed cable entries with C-flange entries. Entry plate fixing profiles are used also for mounting the safety switch. Auxiliary contacts are wired to the terminal blocks in sizes 200A...800A. Cover interlock and defeatable interlock included.

##### Cable entries from bottom

| Max.<br>motor<br>output/<br>AC-23A                                     | Cable<br>openings/side | Enclosure<br>dimensions |       |       | Cover<br>flanges<br>included<br>[pcs] | Type          | Order number    | Weight<br>/unit<br>kg |
|------------------------------------------------------------------------|------------------------|-------------------------|-------|-------|---------------------------------------|---------------|-----------------|-----------------------|
|                                                                        |                        | Height                  | Width | Depth |                                       |               |                 |                       |
|                                                                        |                        | mm                      | mm    | mm    |                                       |               |                 |                       |
| 415V                                                                   |                        |                         |       |       |                                       |               |                 |                       |
| kW/A                                                                   |                        |                         |       |       |                                       |               |                 |                       |
| Knock-outs: 10mm, 12.5mm, 20.5mm, 25.5mm                               |                        |                         |       |       |                                       |               |                 |                       |
| Auxiliary contacts included: 1NO+1NC • Auxiliary contacts max: 2NO+2NC |                        |                         |       |       |                                       |               |                 |                       |
| 45/90                                                                  |                        | 400                     | 400   | 230   | 1                                     | OT90GAUC3TZ   | 1SCA148434R1001 | 14.5                  |
| 55/125                                                                 |                        | 400                     | 400   | 230   | 1                                     | OT125GAUC3TZ  | 1SCA148440R1001 | 14.5                  |
| Knock-outs: 10mm, 12.5mm, 20.5mm, 25.5mm                               |                        |                         |       |       |                                       |               |                 |                       |
| Auxiliary contacts included: 2NO+1NC • Auxiliary contacts max: 2NO+1NC |                        |                         |       |       |                                       |               |                 |                       |
| 80/160                                                                 | Blank/<br>2xC-flange   | 600                     | 400   | 230   | 1                                     | OT160EVAUC3TZ | 1SCA147978R1001 | 21.91                 |
| 110/200                                                                |                        | 600                     | 400   | 230   | 1                                     | OT200KAUC3TZ  | 1SCA022340R0930 | 23                    |
| 132/200                                                                |                        | 800                     | 400   | 230   | 1                                     | OT250KAUC3TZ  | 1SCA022340R1310 | 27                    |
| 160/315                                                                |                        | 800                     | 400   | 230   | 1                                     | OT315KAUC3TZ  | 1SCA022340R1740 | 27                    |
| 220/400                                                                |                        | 800                     | 400   | 230   | 1                                     | OT400DAUC3TZ  | 1SCA022340R2120 | 30                    |
| Knock-outs: 2x10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm                     |                        |                         |       |       |                                       |               |                 |                       |
| Auxiliary contacts included: 2NO+1NC • Auxiliary contacts max: 2NO+1NC |                        |                         |       |       |                                       |               |                 |                       |
| 315/570                                                                | Blank/4xC-flange       | 1000                    | 800   | 230   | 2                                     | OT630KAUC3TZ  | 1SCA022340R2550 | 50                    |
| 315/570                                                                | Blank/3xC-flange       | 1000                    | 400   | 330   | 1                                     | OT630KBUC3TZ  | 1SCA022340R2980 | 48                    |
| 400/720                                                                | Blank/4xC-flange       | 1000                    | 800   | 230   | 2                                     | OT800EAUC3TZ  | 1SCA022827R9790 | 50                    |
| 560/<br>1000                                                           | Blank/6xC-flange       | 1200                    | 800   | 330   | 3                                     | OT1000BAUC3TZ | 1SCA022340R4170 | 73                    |
| 710/<br>1250                                                           |                        | 1200                    | 800   | 330   | 3                                     | OT1250EAUC3TZ | 1SCA103274R1001 | 73                    |

Compression glands or flanges to be ordered separately.

## Ordering information

### Steel sheet enclosed safety switches



OTL16T4M



OTL25...36T4M



OTL63T4M



OTL75...90T4B



OTL16...36T4B

#### Safety switches, 4-pole, IP65, black handle

The delivery includes a black handle (I-O/ON-OFF), auxiliary contact 1NO and PE-terminal. Knock-out type cable openings included, cable outlets also for control cable. Compression glands and flanges have to be ordered separately, page 156. Grey enclosure, equipped with hinges and lock. Auxiliary contacts are wired to the terminal blocks in sizes 200A...800A. Cover interlock and defeatable interlock included.

##### Cable entries from top and bottom

| Max. motor output/<br>AC-23A |              | Cable openings/side | Enclosure dimensions |             |             | Type | Order number | Weight /unit<br>kg |
|------------------------------|--------------|---------------------|----------------------|-------------|-------------|------|--------------|--------------------|
|                              |              |                     | Height<br>mm         | Width<br>mm | Depth<br>mm |      |              |                    |
| 415V<br>kW/A                 | 690V<br>kW/A |                     |                      |             |             |      |              |                    |

##### Selector handle

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|        |        |                 |     |     |     |          |                 |     |
|--------|--------|-----------------|-----|-----|-----|----------|-----------------|-----|
| 7,5/16 | 7,5/10 | 2xø25.5/2xø25.5 | 200 | 150 | 100 | OTL16T4M | 1SCA022613R0140 | 1.8 |
|--------|--------|-----------------|-----|-----|-----|----------|-----------------|-----|

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+1NC

|       |       |                                 |     |     |     |          |                 |   |
|-------|-------|---------------------------------|-----|-----|-----|----------|-----------------|---|
| 15/30 | 15/20 | 2xø32.5+ø16.5/<br>2xø32.5+ø16.5 | 200 | 150 | 100 | OTL25T4M | 1SCA022613R0220 | 2 |
| 22/45 | 15/20 |                                 | 200 | 150 | 100 | OTL36T4M | 1SCA022613R0310 | 2 |

##### Pistol handle

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|       |       |                                 |     |     |     |          |                 |     |
|-------|-------|---------------------------------|-----|-----|-----|----------|-----------------|-----|
| 30/63 | 30/35 | 2xø32.5+ø16.5/<br>2xø32.5+ø16.5 | 250 | 165 | 110 | OTL63T4M | 1SCA022613R0490 | 2.5 |
| 37/80 | 37/40 | B-flange/B-flange               | 300 | 200 | 135 | OTL75T4B | 1SCA022546R0910 | 3.4 |
| 45/90 | 45/50 |                                 | 300 | 200 | 135 | OTL90T4B | 1SCA022546R1210 | 3.4 |

##### Cable entries from bottom

| Max. motor output/<br>AC-23A |              | Cable openings/side | Enclosure dimensions |             |             | Type | Order number | Weight /unit<br>kg |
|------------------------------|--------------|---------------------|----------------------|-------------|-------------|------|--------------|--------------------|
|                              |              |                     | Height<br>mm         | Width<br>mm | Depth<br>mm |      |              |                    |
| 415V<br>kW/A                 | 690V<br>kW/A |                     |                      |             |             |      |              |                    |

##### Selector handle

Auxiliary contact included s: 1NO • Auxiliary contacts max: 2NO+2NC

|        |        |                |     |     |     |          |                 |     |
|--------|--------|----------------|-----|-----|-----|----------|-----------------|-----|
| 7,5/16 | 7,5/10 | Blank/B-flange | 200 | 150 | 100 | OTL16T4B | 1SCA022580R5150 | 1.8 |
|--------|--------|----------------|-----|-----|-----|----------|-----------------|-----|

Auxiliary contact included s: 1NO • Auxiliary contacts max: 2NO+1NC

|       |       |                |     |     |     |          |                 |   |
|-------|-------|----------------|-----|-----|-----|----------|-----------------|---|
| 15/30 | 15/20 | Blank/B-flange | 200 | 150 | 100 | OTL25T4B | 1SCA022580R5310 | 2 |
| 22/45 | 15/20 |                | 200 | 150 | 100 | OTL36T4B | 1SCA022580R5400 | 2 |

##### Pistol handle

Auxiliary contacts included: 1NO • Auxiliary contacts max: 1NO+1NC

|       |       |                |     |     |     |          |                 |     |
|-------|-------|----------------|-----|-----|-----|----------|-----------------|-----|
| 30/63 | 30/35 | Blank/B-flange | 200 | 150 | 100 | OTL63T4B | 1SCA022580R5580 | 2.1 |
|-------|-------|----------------|-----|-----|-----|----------|-----------------|-----|

Compression glands or flanges to be ordered separately.

## Ordering information

### Steel sheet enclosed safety switches

#### Safety switches with ring-flange cable entries, 4-pole, IP65, black handle

The delivery includes a black pistol handle (I-O/ON-OFF), PE-terminal and grey enclosure. Fixed divided cable entry with ring-flange entries. Entry plate fixing profiles are used also for mounting the safety switch. Auxiliary contacts are wired to the terminal blocks in sizes 200A...800A. Cover interlock and defeatable interlock included.



OT160EVLRR4TZ,  
OT200...315KLRR4TZ



OT400DLRR4TZ



OT200KAUR4TZ,  
OT315KAUR4TZ

#### Cable entries from top and bottom

| Max. motor output/<br>AC-23A |              | Cable<br>openings/side          | Enclosure<br>dimensions |             |             | Cover<br>flanges<br>included<br>[pcs] | Type          | Order number    | Weight<br>/unit<br>kg |
|------------------------------|--------------|---------------------------------|-------------------------|-------------|-------------|---------------------------------------|---------------|-----------------|-----------------------|
| 415V<br>kW/A                 | 690V<br>kW/A |                                 | Height<br>mm            | Width<br>mm | Depth<br>mm |                                       |               |                 |                       |
| 80/160                       | 144/160      | 4xring-flange/<br>4xring-flange | 600                     | 400         | 230         | 6                                     | OT160EVLRR4TZ | 1SCA148599R1001 | 20.91                 |
| 110/200                      | 160/200      |                                 | 600                     | 400         | 230         | 6                                     | OT200KLRR4TZ  | 1SCA022461R5410 | 22                    |
| 132/250                      | 200/250      |                                 | 600                     | 400         | 230         | 6                                     | OT250KLRR4TZ  | 1SCA022461R5670 | 22                    |
| 160/315                      | 250/315      |                                 | 600                     | 400         | 230         | 6                                     | OT315KLRR4TZ  | 1SCA022461R5830 | 22                    |
| 220/400                      | 355/400      |                                 | 800                     | 400         | 230         | 5                                     | OT400DLRR4TZ  | 1SCA022461R6050 | 29                    |
| 315/570                      | 560/570      |                                 | 1000                    | 400         | 230         | 4                                     | OT630KLRR4TZ  | 1SCA022461R6210 | 33                    |
| 400/720                      | 710/720      |                                 | 1000                    | 400         | 230         | 4                                     | OT800ELRR4TZ  | 1SCA022828R1260 | 33                    |

Knock-outs: 3x10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm

Auxiliary contacts included: 2NO+1NC • Auxiliary contacts max: 2NO+1NC

#### Cable entries from bottom

| Max. motor output/<br>AC-23A |              | Cable<br>openings/side  | Enclosure<br>dimensions |             |             | Cover<br>flanges<br>included<br>[pcs] | Type         | Order number    | Weight<br>/unit<br>kg |
|------------------------------|--------------|-------------------------|-------------------------|-------------|-------------|---------------------------------------|--------------|-----------------|-----------------------|
| 415V<br>kW/A                 | 690V<br>kW/A |                         | Height<br>mm            | Width<br>mm | Depth<br>mm |                                       |              |                 |                       |
| 110/200                      | 160/200      | Blank/<br>4xring-flange | 600                     | 400         | 230         | 2                                     | OT200KAUR4TZ | 1SCA022815R3510 | 23                    |
| 110/200                      | 200/250      |                         | 800                     | 400         | 230         | 2                                     | OT250KAUR4TZ | 1SCA022717R3910 | 27                    |
| 160/315                      | 250/315      |                         | 600                     | 400         | 230         | 2                                     | OT315KAUR4TZ | 1SCA022815R5630 | 22                    |

Knock-outs: 3x10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm

Auxiliary contacts included: 2NO+1NC • Auxiliary contacts max: 2NO+1NC

Compression glands or flanges to be ordered separately.



## Ordering information

### Steel sheet enclosed safety switches



OT90...125GLCC4TZ

OT160EVLCC4TZ,  
OT200...315KLCC4TZ

OT400DLCC4TZ



OT800ELCC4TZ

OT200KAUC4TZ,  
OT315KAUC4TZ

#### Safety switches with C-flange cable entries, 4-pole, IP65, black handle

The delivery includes a black pistol handle (I-O/ON-OFF), PE-terminal and grey enclosure. Fixed cable entries with C-flange entries. Entry plate fixing profiles are used also for mounting the safety switch. Auxiliary contacts are wired to the terminal blocks in sizes 200A...800A. Cover interlock and defeatable interlock included.

##### Cable entries from top and bottom

| Max. motor output/<br>AC-23A |              | Cable<br>openings/side | Enclosure<br>dimensions |       |       | Cover<br>flanges<br>included<br>[pcs] | Type | Order number | Weight<br>/unit<br>kg |
|------------------------------|--------------|------------------------|-------------------------|-------|-------|---------------------------------------|------|--------------|-----------------------|
|                              |              |                        | Height                  | Width | Depth |                                       |      |              |                       |
| 415V<br>kW/A                 | 690V<br>kW/A |                        | mm                      | mm    | mm    |                                       |      |              |                       |

Knock-outs: 9.5mm, 10mm, 12.5mm, 20.5mm, 25.5mm

Auxiliary contacts included: 1NO+1NC • Auxiliary contacts max: 2NO+2NC

|        |         |                           |     |     |     |   |               |                 |       |
|--------|---------|---------------------------|-----|-----|-----|---|---------------|-----------------|-------|
| 45/90  | 75/90   | C-flange/C-flange         | 400 | 250 | 180 | 0 | OT90GLCC4TZ   | 1SCA148208R1001 | 9.6   |
| 55/125 | 110/125 |                           | 400 | 250 | 180 | 0 | OT125GLCC4TZ  | 1SCA148214R1001 | 9.6   |
| 80/160 | 144/160 | 2xC-flange/<br>2xC-flange | 600 | 400 | 230 | 2 | OT160EVLCC4TZ | 1SCA148597R1001 | 20.91 |

Knock-outs: 9.5mm, 10mm, 12.5mm, 20.5mm, 25.5mm

Auxiliary contacts included: 2NO+1NC • Auxiliary contacts max: 2NO+1NC

|         |         |                           |      |     |     |   |              |                 |    |
|---------|---------|---------------------------|------|-----|-----|---|--------------|-----------------|----|
| 110/200 | 160/200 | 2xC-flange/<br>2xC-flange | 600  | 400 | 230 | 2 | OT200KLCC4TZ | 1SCA022461R5320 | 22 |
| 132/250 | 200/250 |                           | 600  | 400 | 230 | 2 | OT250KLCC4TZ | 1SCA022461R5590 | 22 |
| 160/315 | 250/315 |                           | 600  | 400 | 230 | 2 | OT315KLCC4TZ | 1SCA022461R5750 | 22 |
| 220/400 | 355/400 |                           | 800  | 400 | 230 | 2 | OT400DLCC4TZ | 1SCA022461R5910 | 29 |
| 315/570 | 560/570 |                           | 1000 | 400 | 230 | 2 | OT630KLCC4TZ | 1SCA022461R6130 | 33 |
| 400/720 | 710/720 |                           | 1000 | 400 | 230 | 2 | OT800ELCC4TZ | 1SCA022828R1420 | 33 |

##### Cable entries from bottom

| Max. motor output/<br>AC-23A |              | Cable<br>openings/side | Enclosure<br>dimensions |       |       | Cover<br>flanges<br>included<br>[pcs] | Type | Order number | Weight<br>/unit<br>kg |
|------------------------------|--------------|------------------------|-------------------------|-------|-------|---------------------------------------|------|--------------|-----------------------|
|                              |              |                        | Height                  | Width | Depth |                                       |      |              |                       |
| 415V<br>kW/A                 | 690V<br>kW/A |                        | mm                      | mm    | mm    |                                       |      |              |                       |

Knock-outs: 10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm

Auxiliary contacts included: 2NO+1NC • Auxiliary contacts max: 2NO+1NC

|         |         |                      |     |     |     |   |              |                 |    |
|---------|---------|----------------------|-----|-----|-----|---|--------------|-----------------|----|
| 110/200 | 160/200 | Blank/<br>2xC-flange | 600 | 400 | 230 | 1 | OT200KAUC4TZ | 1SCA022815R9620 | 25 |
| 110/200 | 200/250 |                      | 800 | 400 | 230 | 1 | OT250KAUC4TZ | 1SCA022816R0390 | 27 |
| 160/315 | 250/315 |                      | 600 | 400 | 230 | 1 | OT315KAUC4TZ | 1SCA022815R8060 | 27 |

Compression glands or flanges to be ordered separately.

## Ordering information

### Steel sheet enclosed safety switches



OTL16T6M



OTL25...36T6M



OTL25...36T6B



OTL75...90T6B



OTL75...90T6U



OTL16T6B

#### Safety switches, 6-pole, IP65, black handle

The delivery includes a black handle (I-O/ON-OFF), PE-terminal and auxiliary contact 1NO. Knock-out type cable openings included, cable outlets also for control cable. Cable entries from top and bottom. Grey enclosure, equipped with hinges and lock. Cover interlock and defeatable interlock included.

##### Cable entries from top and bottom

| Max. motor output/<br>AC-23A |              | Cable openings/side | Enclosure dimensions |       |       | Type | Order number | Weight /unit<br>kg |
|------------------------------|--------------|---------------------|----------------------|-------|-------|------|--------------|--------------------|
|                              |              |                     | Height               | Width | Depth |      |              |                    |
| 415V<br>kW/A                 | 690V<br>kW/A |                     | mm                   | mm    | mm    |      |              |                    |

##### Selector handle

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|        |        |         |     |     |     |          |                 |     |
|--------|--------|---------|-----|-----|-----|----------|-----------------|-----|
| 7,5/16 | 7,5/10 | 2xø25.5 | 200 | 150 | 100 | OTL16T6M | 1SCA022613R0570 | 1.8 |
|--------|--------|---------|-----|-----|-----|----------|-----------------|-----|

##### Pistol handle

Auxiliary contacts included: 1NO • Auxiliary contacts max: 1NO+1NC

|       |       |                                 |     |     |     |          |                 |     |
|-------|-------|---------------------------------|-----|-----|-----|----------|-----------------|-----|
| 15/30 | 15/20 | 2xø32.5+ø16.5                   | 250 | 165 | 110 | OTL25T6M | 1SCA022613R0650 | 2.5 |
| 15/30 | 15/20 | B-flange/B-flange               | 250 | 165 | 110 | OTL25T6B | 1SCA022580R8090 | 3.4 |
| 22/45 | 15/20 | 2xø32.5+ø16.5/<br>2xø32.5+ø16.5 | 250 | 165 | 110 | OTL36T6M | 1SCA022613R0730 | 2.5 |
| 22/45 | 15/20 | B-flange/B-flange               | 250 | 165 | 110 | OTL36T6B | 1SCA022580R8170 | 3.2 |

Auxiliary contacts included: 1NO • Auxiliary contacts max: 1NO

|       |       |                   |     |     |     |          |                 |     |
|-------|-------|-------------------|-----|-----|-----|----------|-----------------|-----|
| 37/80 | 37/40 | B-flange/B-flange | 300 | 200 | 135 | OTL75T6B | 1SCA022546R1040 | 3.6 |
| 37/80 | 37/40 | Blank/Blank       | 300 | 200 | 135 | OTL75T6U | 1SCA022730R9160 | 3.6 |
| 45/90 | 45/50 | B-flange/B-flange | 300 | 200 | 135 | OTL90T6B | 1SCA022546R1390 | 3.6 |
| 45/90 | 45/50 | Blank/Blank       | 300 | 200 | 135 | OTL90T6U | 1SCA022730R9240 | 3.6 |

##### Cable entries from bottom

| Max. motor output/<br>AC-23A |              | Cable openings/side | Enclosure dimensions |       |       | Type | Order number | Weight /unit<br>kg |
|------------------------------|--------------|---------------------|----------------------|-------|-------|------|--------------|--------------------|
|                              |              |                     | Height               | Width | Depth |      |              |                    |
| 415V<br>kW/A                 | 690V<br>kW/A |                     | mm                   | mm    | mm    |      |              |                    |

##### Selector handle

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|        |        |                |     |     |     |          |                 |     |
|--------|--------|----------------|-----|-----|-----|----------|-----------------|-----|
| 7,5/16 | 7,5/10 | Blank/B-flange | 200 | 150 | 100 | OTL16T6B | 1SCA022580R5230 | 1.8 |
|--------|--------|----------------|-----|-----|-----|----------|-----------------|-----|

Compression glands or flanges to be ordered separately.

## Ordering information

### Steel sheet enclosed safety switches



OT160EVLRR6TZ,  
OT160EVTRR6TZ,  
OT200KLRR6TZ



OT250...315KLRR6TZ,  
OT400DLRR6TZ



OT90...125GAUR6TZ



OT160EVAUR6TZ,  
OT200KAUR6TZ



OT250...315KAUR6TZ,  
OT400DAUR6TZ



OT630KAUR6TZ

#### Safety switches with ring-flange cable entries, 6-pole, IP65, black handle

The delivery includes a black pistol handle(I-O/ON-OFF), PE-terminal and grey enclosure. Fixed cable entry with ring-flange entries. Entry plate fixing profiles are used also for mounting the safety switch. Auxiliary contacts are wired to the terminal blocks in sizes 200A...800A. Cover interlock and defeatable interlock included.

##### Cable entries from top and bottom

| Max. motor output/<br>AC-23A |              | Cable openings/<br>side         | Enclosure dimensions |             |             | Cover flanges included<br>[pcs] | Type         | Order number    | Weight /unit<br>kg |
|------------------------------|--------------|---------------------------------|----------------------|-------------|-------------|---------------------------------|--------------|-----------------|--------------------|
| 415V<br>kW/A                 | 690V<br>kW/A |                                 | Height<br>mm         | Width<br>mm | Depth<br>mm |                                 |              |                 |                    |
| 45/90                        | 75/90        | 4xring-flange/<br>4xring-flange | 400                  | 400         | 230         | 4                               | OT90GLRR6TZ  | 1SCA148475R1001 | 16.4               |
| 55/125                       | 110/125      |                                 | 400                  | 400         | 230         | 4                               | OT125GLRR6TZ | 1SCA148479R1001 | 16.4               |
| 55/125                       | 110/125      |                                 | 400                  | 400         | 230         | 4                               | OT125GTRR6TZ | 1SCA148602R1001 | 16.4               |

Knock-outs: 3x10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm

Auxiliary contacts included: 2NO • Auxiliary contacts max: 2NO+2NC

|                                                    |         |                                                                        |      |     |     |    |               |                 |    |
|----------------------------------------------------|---------|------------------------------------------------------------------------|------|-----|-----|----|---------------|-----------------|----|
| Knock-outs: 3x10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm |         | Auxiliary contacts included: 4NO+2NC • Auxiliary contacts max: 4NO+2NC |      |     |     |    |               |                 |    |
| 80/160                                             | 144/160 | 8xring-flange/<br>8xring-flange                                        | 600  | 800 | 230 | 12 | OT160EVLRR6TZ | 1SCA148019R1001 | 37 |
| 80/160                                             | 144/160 |                                                                        | 600  | 800 | 230 | 12 | OT160EVTRR6TZ | 1SCA148027R1001 | 37 |
| 110/200                                            | 160/200 |                                                                        | 600  | 800 | 230 | 12 | OT200KLRR6TZ  | 1SCA022340R5730 | 37 |
| 132/250                                            | 200/250 |                                                                        | 800  | 800 | 230 | 8  | OT250KLRR6TZ  | 1SCA022338R7490 | 42 |
| 160/315                                            | 250/315 |                                                                        | 800  | 800 | 230 | 8  | OT315KLRR6TZ  | 1SCA022338R7810 | 42 |
| 220/400                                            | 355/400 |                                                                        | 800  | 800 | 230 | 8  | OT400DLRR6TZ  | 1SCA022338R8200 | 45 |
| 315/570                                            | 560/570 |                                                                        | 1000 | 800 | 230 | 8  | OT630KLRR6TZ  | 1SCA022338R8620 | 54 |
| 400/720                                            | 710/720 |                                                                        | 1000 | 800 | 230 | 8  | OT800ELRR6TZ  | 1SCA022827R8470 | 54 |

##### Cable entries from bottom

| Max. motor output/<br>AC-23A                            |              | Cable openings/<br>side                                                | Enclosure dimensions |             |             | Cover flanges included<br>[pcs] | Type          | Order number    | Weight /unit<br>kg |
|---------------------------------------------------------|--------------|------------------------------------------------------------------------|----------------------|-------------|-------------|---------------------------------|---------------|-----------------|--------------------|
| 415V<br>kW/A                                            | 690V<br>kW/A |                                                                        | Height<br>mm         | Width<br>mm | Depth<br>mm |                                 |               |                 |                    |
| 45/90                                                   | 75/90        | Blank/                                                                 | 600                  | 400         | 230         | 4                               | OT90GAUR6TZ   | 1SCA148493R1001 | 21.31              |
| 55/125                                                  | 110/125      | 4xring-flange                                                          | 600                  | 400         | 230         | 4                               | OT125GAUR6TZ  | 1SCA148497R1001 | 21.31              |
| Knock-outs: 9.5mm, 10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm |              | Auxiliary contacts included: 4NO+2NC • Auxiliary contacts max: 4NO+2NC |                      |             |             |                                 |               |                 |                    |
| 80/160                                                  | 144/160      | Blank/<br>8xring-flange                                                | 600                  | 800         | 230         | 4                               | OT160EVAUR6TZ | 1SCA147988R1001 | 39                 |
| 110/200                                                 | 160/200      |                                                                        | 600                  | 800         | 230         | 4                               | OT200KAUR6TZ  | 1SCA022339R0010 | 39                 |
| 132/250                                                 | 200/250      |                                                                        | 800                  | 800         | 230         | 4                               | OT250KAUR6TZ  | 1SCA022360R2560 | 45                 |
| 160/315                                                 | 250/315      |                                                                        | 800                  | 800         | 230         | 2                               | OT315KAUR6TZ  | 1SCA022360R2720 | 45                 |
| 220/400                                                 | 355/400      |                                                                        | 800                  | 800         | 230         | 2                               | OT400DAUR6TZ  | 1SCA022360R2990 | 48                 |
| 315/570                                                 | 560/570      |                                                                        | 1000                 | 800         | 330         | 2                               | OT630KAUR6TZ  | 1SCA022460R9940 | 85                 |

Compression glands or flanges to be ordered separately.

## Ordering information

### Steel sheet enclosed safety switches



OT90GLCC6TZ,  
OT125GLCC6TZ



OT160EVLCC6TZ,  
OT200KLCC6TZ



OT250...315KLCC6TZ,  
OT400DLCC6TZ



OT630KLCC6TZ,  
OT800ELCC6TZ



OT90GAUC6TZ



OT160EVAUC6TZ,  
OT200KAUC6TZ



OT250...315KAUC6TZ,  
OT400DAUC6TZ



OT630KAUC6TZ

#### Safety switches with C-flange cable entries, 6-pole, IP65, black handle

The delivery includes a black pistol handle (I-O/ON-OFF), PE-terminal and grey enclosure. Fixed cable entries with C-flange entries. Entry plate fixing profiles are used also for mounting the safety switch. Auxiliary contacts are wired to the terminal blocks in sizes 200A...800A. Cover interlock and defeatable interlock included.

##### Cable entries from top and bottom

| Max. motor output/<br>AC-23A                                       |              | Cable<br>openings/side | Enclosure dimensions |       |       | Cover flanges included<br>[pcs] | Type         | Order number    | Weight /unit<br>kg |
|--------------------------------------------------------------------|--------------|------------------------|----------------------|-------|-------|---------------------------------|--------------|-----------------|--------------------|
|                                                                    |              |                        | Height               | Width | Depth |                                 |              |                 |                    |
| 415V<br>kW/A                                                       | 690V<br>kW/A |                        | mm                   | mm    | mm    |                                 |              |                 |                    |
| Knock-outs: 9.5mm, 10mm, 12.5mm, 20.5mm, 25.5mm                    |              |                        |                      |       |       |                                 |              |                 |                    |
| Auxiliary contacts included: 2NO • Auxiliary contacts max: 2NO+2NC |              |                        |                      |       |       |                                 |              |                 |                    |
| 45/90                                                              | 75/90        | 2xC-flange/            | 400                  | 400   | 230   | 2                               | OT90GLCC6TZ  | 1SCA148473R1001 | 16.4               |
| 55/125                                                             | 110/125      | 2xC-flange             | 400                  | 400   | 230   | 2                               | OT125GLCC6TZ | 1SCA148477R1001 | 16.4               |

Knock-outs: 2x10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm  
Auxiliary contacts included: 4NO+2NC • Auxiliary contacts max: 4NO+2NC

|         |         |                           |      |     |     |   |               |                 |    |
|---------|---------|---------------------------|------|-----|-----|---|---------------|-----------------|----|
| 80/160  | 144/160 | 4xC-flange/<br>4xC-flange | 600  | 800 | 230 | 4 | OT160EVLCC6TZ | 1SCA148017R1001 | 37 |
| 110/200 | 160/200 |                           | 600  | 800 | 230 | 4 | OT200KLCC6TZ  | 1SCA022338R7220 | 37 |
| 132/250 | 200/250 |                           | 800  | 800 | 230 | 4 | OT250KLCC6TZ  | 1SCA022338R7650 | 42 |
| 160/315 | 250/315 |                           | 800  | 800 | 230 | 4 | OT315KLCC6TZ  | 1SCA022338R8030 | 42 |
| 220/400 | 355/400 |                           | 800  | 800 | 230 | 4 | OT400DLCC6TZ  | 1SCA022338R8460 | 45 |
| 315/570 | 560/570 |                           | 1000 | 800 | 230 | 4 | OT630KLCC6TZ  | 1SCA022338R8890 | 54 |
| 400/720 | 710/720 |                           | 1000 | 800 | 230 | 4 | OT800ELCC6TZ  | 1SCA022828R2230 | 54 |

##### Cable entries from bottom

| Max. motor output/<br>AC-23A                                           |              | Cable<br>openings/side | Enclosure dimensions |       |       | Cover flanges included<br>[pcs] | Type         | Order number    | Weight /unit<br>kg |
|------------------------------------------------------------------------|--------------|------------------------|----------------------|-------|-------|---------------------------------|--------------|-----------------|--------------------|
|                                                                        |              |                        | Height               | Width | Depth |                                 |              |                 |                    |
| 415V<br>kW/A                                                           | 690V<br>kW/A |                        | mm                   | mm    | mm    |                                 |              |                 |                    |
| Knock-outs: 9.5mm, 10mm, 12.5mm, 20.5mm, 25.5mm                        |              |                        |                      |       |       |                                 |              |                 |                    |
| Auxiliary contacts included: 2NO • Auxiliary contacts max: 2NO+2NC     |              |                        |                      |       |       |                                 |              |                 |                    |
| 45/90                                                                  | 75/90        | Blank/<br>2xC-flange   | 600                  | 400   | 230   | 1                               | OT90GAUC6TZ  | 1SCA148491R1001 | 21.31              |
| Auxiliary contacts included: 1NO+1NC • Auxiliary contacts max: 2NO+2NC |              |                        |                      |       |       |                                 |              |                 |                    |
| 55/125                                                                 | 110/125      | Blank/<br>2xC-flange   | 600                  | 400   | 230   | 1                               | OT125GAUC6TZ | 1SCA148495R1001 | 21.3               |

Knock-outs: 2x10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm  
Auxiliary contacts included: 4NO+2NC • Auxiliary contacts max: 4NO+2NC

|         |         |                  |     |     |     |   |               |                 |    |
|---------|---------|------------------|-----|-----|-----|---|---------------|-----------------|----|
| 80/160  | 144/160 | Blank/4xC-flange | 600 | 800 | 230 | 2 | OT160EVAUC6TZ | 1SCA147986R1001 | 39 |
| 110/200 | 160/200 |                  | 600 | 800 | 230 | 2 | OT200KAUC6TZ  | 1SCA022339R0280 | 39 |
| 132/250 | 200/250 |                  | 800 | 800 | 230 | 2 | OT250KAUC6TZ  | 1SCA022360R2640 | 45 |
| 160/315 | 250/315 |                  | 800 | 800 | 230 | 1 | OT315KAUC6TZ  | 1SCA022360R2810 | 45 |
| 220/400 | 355/400 |                  | 800 | 800 | 230 | 1 | OT400DAUC6TZ  | 1SCA022360R3020 | 48 |

Knock-outs: 9.5mm, 3x10mm, 12.5mm, 2x20.5mm, 2x25.5mm, 2x32.5mm  
Auxiliary contacts included: 4NO+2NC • Auxiliary contacts max: 4NO+2NC

|         |         |                      |      |     |     |   |              |                 |    |
|---------|---------|----------------------|------|-----|-----|---|--------------|-----------------|----|
| 315/570 | 560/570 | Blank/<br>6xC-flange | 1000 | 800 | 330 | 2 | OT630KAUC6TZ | 1SCA022460R9860 | 85 |
|---------|---------|----------------------|------|-----|-----|---|--------------|-----------------|----|

Compression glands or flanges to be ordered separately.



## Ordering information

### Steel sheet enclosed safety switches



OTL16...36A3M



OTL63A3M



OTL75...90A3B



OTL75...90A3U



OTL16...36A3B

#### Safety switches, 3-pole, IP65, red-yellow handle

The delivery includes a red-yellow handle (I-O/ON-OFF), auxiliary contact 1NO and PE-terminal. Knock-out type cable openings included, cable outlets also for control cable. Grey enclosure, equipped with hinges and lock. Cover interlock and defeatable interlock included.

##### Cable entries from top and bottom

| Max. motor output/<br>AC-23A |              | Cable<br>openings/side | Enclosure<br>dimensions |       |       | Type | Order number | Weight<br>/unit<br>kg |
|------------------------------|--------------|------------------------|-------------------------|-------|-------|------|--------------|-----------------------|
|                              |              |                        | Height                  | Width | Depth |      |              |                       |
| 415V<br>kW/A                 | 690V<br>kW/A |                        | mm                      | mm    | mm    |      |              |                       |

##### Selector handle

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|        |        |                 |     |     |     |          |                 |     |
|--------|--------|-----------------|-----|-----|-----|----------|-----------------|-----|
| 7,5/16 | 7,5/10 | 2xø25.5/2xø25.5 | 200 | 150 | 100 | OTL16A3M | 1SCA022612R8750 | 1.7 |
|--------|--------|-----------------|-----|-----|-----|----------|-----------------|-----|

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+1NC

|       |       |                |     |     |     |          |                 |     |
|-------|-------|----------------|-----|-----|-----|----------|-----------------|-----|
| 15/30 | 15/20 | 2xø32.5+ø16.5/ | 200 | 150 | 100 | OTL25A3M | 1SCA022612R8830 | 1.9 |
| 22/45 | 15/20 | 2xø32.5+ø16.5  | 200 | 150 | 100 | OTL36A3M | 1SCA022612R8910 | 1.9 |

##### Pistol handle

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|       |       |                                 |     |     |     |          |                 |     |
|-------|-------|---------------------------------|-----|-----|-----|----------|-----------------|-----|
| 30/63 | 30/35 | 2xø32.5+ø16.5/<br>2xø32.5+ø16.5 | 250 | 165 | 110 | OTL63A3M | 1SCA022612R9050 | 2.4 |
| 37/80 | 37/40 | B-flange/B-flange               | 300 | 200 | 135 | OTL75A3B | 1SCA022555R7580 | 3.3 |
| 37/80 | 37/40 | Blank/Blank                     | 300 | 200 | 135 | OTL75A3U | 1SCA022707R7610 | 3.3 |
| 45/90 | 45/50 | B-flange/B-flange               | 300 | 200 | 135 | OTL90A3B | 1SCA022555R7820 | 3.3 |
| 45/90 | 45/50 | Blank/Blank                     | 300 | 200 | 135 | OTL90A3U | 1SCA022707R7790 | 3.3 |

##### Cable entries from bottom

| Max. motor output/<br>AC-23A |              | Cable<br>openings/side | Enclosure<br>dimensions |       |       | Type | Order number | Weight<br>/unit<br>kg |
|------------------------------|--------------|------------------------|-------------------------|-------|-------|------|--------------|-----------------------|
|                              |              |                        | Height                  | Width | Depth |      |              |                       |
| 415V<br>kW/A                 | 690V<br>kW/A |                        | mm                      | mm    | mm    |      |              |                       |

##### Selector handle

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|        |        |                |     |     |     |          |                 |     |
|--------|--------|----------------|-----|-----|-----|----------|-----------------|-----|
| 7,5/16 | 7,5/10 | Blank/B-flange | 200 | 150 | 100 | OTL16A3B | 1SCA022575R1630 | 1.7 |
|--------|--------|----------------|-----|-----|-----|----------|-----------------|-----|

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+1NC

|       |       |                |     |     |     |          |                 |     |
|-------|-------|----------------|-----|-----|-----|----------|-----------------|-----|
| 15/30 | 15/20 | Blank/B-flange | 200 | 150 | 100 | OTL25A3B | 1SCA022575R1710 | 1.9 |
| 22/45 | 15/20 | Blank/B-flange | 200 | 150 | 100 | OTL36A3B | 1SCA022575R1800 | 1.9 |

##### Pistol handle

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+1NC

|       |       |                |     |     |     |          |                 |     |
|-------|-------|----------------|-----|-----|-----|----------|-----------------|-----|
| 30/63 | 30/35 | Blank/B-flange | 200 | 150 | 100 | OTL63A3B | 1SCA022575R1980 | 2.0 |
|-------|-------|----------------|-----|-----|-----|----------|-----------------|-----|

Compression glands or flanges to be ordered separately.

## Ordering information

### Steel sheet enclosed safety switches



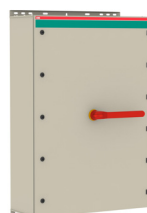
OT160EVLRR3AZ,  
OT200...315KLRR3AZ



OT400DLRR3AZ



OT630KLRR3AZ,  
OT800ELRR3AZ



OT1000BLRR3AZ,  
OT1250ELRR3AZ



OT1000BBRR3AZ

#### Safety switches with ring-flange cable entries, 3-pole, IP65, red-yellow handle

The delivery includes a red-yellow pistol handle (I-O/ON-OFF), PE-terminal and grey enclosure. Fixed cable entry with ring-flange entries. Entry plate fixing profiles are used also for mounting the safety switch. Auxiliary contacts are wired to the terminal blocks in sizes 200A...800A. Cover interlock and defeatable interlock included.

##### Cable entries from top and bottom

| Max. motor output/<br>AC-23A |               | Cable<br>openings/side          | Enclosure<br>dimensions |             |             | Cover<br>flanges<br>included<br>[pcs] | Type          | Order number    | Weight<br>/unit<br>kg |
|------------------------------|---------------|---------------------------------|-------------------------|-------------|-------------|---------------------------------------|---------------|-----------------|-----------------------|
| 415V<br>kW/A                 | 690V<br>kW/A  |                                 | Height<br>mm            | Width<br>mm | Depth<br>mm |                                       |               |                 |                       |
| 80/160                       | 144/160       | 4xring-flange/<br>4xring-flange | 600                     | 400         | 230         | 6                                     | OT160EVLRR3AZ | 1SCA148593R1001 | 19.41                 |
| 110/200                      | 160/200       |                                 | 600                     | 400         | 230         | 6                                     | OT200KLRR3AZ  | 1SCA022512R7310 | 21                    |
| 132/250                      | 200/250       |                                 | 600                     | 400         | 230         | 6                                     | OT250KLRR3AZ  | 1SCA022512R7490 | 21                    |
| 160/315                      | 250/315       |                                 | 600                     | 400         | 230         | 6                                     | OT315KLRR3AZ  | 1SCA022512R7570 | 21                    |
| 220/400                      | 355/400       |                                 | 800                     | 400         | 230         | 5                                     | OT400DLRR3AZ  | 1SCA022512R7650 | 27                    |
| 315/570                      | 560/570       |                                 | 1000                    | 400         | 230         | 4                                     | OT630KLRR3AZ  | 1SCA022512R7730 | 31                    |
| 400/720                      | 710/720       |                                 | 1000                    | 400         | 230         | 4                                     | OT800ELRR3AZ  | 1SCA022828R1180 | 31                    |
| 560/<br>1000                 | 1000/<br>1000 | 8xring-flange/<br>8xring-flange | 1200                    | 400         | 330         | 2                                     | OT1000BBRR3AZ | 1SCA102815R1001 | 63                    |
| 560/<br>1000                 | 1000/<br>1000 |                                 | 1200                    | 800         | 330         | 10                                    | OT1000BLRR3AZ | 1SCA022512R7810 | 66                    |
| 710/<br>1250                 | 1200/<br>1250 |                                 | 1200                    | 800         | 330         | 10                                    | OT1250ELRR3AZ | 1SCA102772R1001 | 66                    |
| 1250                         | 1250          |                                 |                         |             |             |                                       |               |                 |                       |

Knock-outs: 3x10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm

Auxiliary contacts included: 2NO+1NC • Auxiliary contacts max: 2NO+1NC

##### Cable entries from bottom

| Max. motor output/<br>AC-23A                                           |               | Cable<br>openings/side  | Enclosure<br>dimensions |             |             | Cover<br>flanges<br>included<br>[pcs] | Type          | Order number    | Weight<br>/unit<br>kg |
|------------------------------------------------------------------------|---------------|-------------------------|-------------------------|-------------|-------------|---------------------------------------|---------------|-----------------|-----------------------|
| 415V<br>kW/A                                                           | 690V<br>kW/A  |                         | Height<br>mm            | Width<br>mm | Depth<br>mm |                                       |               |                 |                       |
| Knock-outs: 3x10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm                     |               |                         |                         |             |             |                                       |               |                 |                       |
| Auxiliary contacts included: 1NO+1NC • Auxiliary contacts max: 2NO+2NC |               |                         |                         |             |             |                                       |               |                 |                       |
| 45/90                                                                  | 75/90         | Blank/4xring-flange     | 400                     | 400         | 230         | 4                                     | OT90GAUR3AZ   | 1SCA148435R1001 | 14.8                  |
| 55/125                                                                 | 110/125       |                         | 400                     | 400         | 230         | 4                                     | OT125GAUR3AZ  | 1SCA148441R1001 | 14.8                  |
| Knock-outs: 3x10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm                     |               |                         |                         |             |             |                                       |               |                 |                       |
| Auxiliary contacts included: 2NO+1NC • Auxiliary contacts max: 2NO+1NC |               |                         |                         |             |             |                                       |               |                 |                       |
| 80/160                                                                 | 144/160       | Blank/<br>4xring-flange | 600                     | 400         | 230         | 2                                     | OT160EVAUR3AZ | 1SCA147979R1001 | 21.91                 |
| 110/200                                                                | 160/200       |                         | 600                     | 400         | 230         | 2                                     | OT200KAUR3AZ  | 1SCA022513R1090 | 23                    |
| 132/250                                                                | 200/250       |                         | 800                     | 400         | 230         | 2                                     | OT250KAUR3AZ  | 1SCA022513R1170 | 27                    |
| 160/315                                                                | 250/315       |                         | 800                     | 400         | 230         | 2                                     | OT315KAUR3AZ  | 1SCA022513R1250 | 27                    |
| 220/400                                                                | 355/400       |                         | 800                     | 400         | 230         | 2                                     | OT400DAUR3AZ  | 1SCA022513R1330 | 30                    |
| Knock-outs: 10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm                       |               |                         |                         |             |             |                                       |               |                 |                       |
| Auxiliary contacts included: 2NO+1NC • Auxiliary contacts max: 2NO+1NC |               |                         |                         |             |             |                                       |               |                 |                       |
| 315/570                                                                | 560/570       | Blank/4xring-flange     | 1000                    | 400         | 330         | 0                                     | OT630KBUR3AZ  | 1SCA022542R6720 | 48                    |
| 315/570                                                                | 560/570       | Blank/<br>8xring-flange | 1000                    | 800         | 230         | 4                                     | OT630KAUR3AZ  | 1SCA022513R1410 | 50                    |
| 400/720                                                                | 710/720       |                         | 1000                    | 800         | 230         | 4                                     | OT800EAUR3AZ  | 1SCA022828R0020 | 50                    |
| 560/<br>1000                                                           | 1000/<br>1000 |                         | 1200                    | 800         | 330         | 2                                     | OT1000BAUR3AZ | 1SCA022513R1500 | 73                    |
| 710/<br>1250                                                           | 1200/<br>1250 |                         | 1200                    | 800         | 330         | 2                                     | OT1250EAUR3AZ | 1SCA103275R1001 | 73                    |

Compression glands or flanges to be ordered separately.

## Ordering information

### Steel sheet enclosed safety switches

#### Safety switches with C-flange cable entries, 3-pole, IP65, red-yellow handle

The delivery includes a red-yellow pistol handle (I-O/ON-OFF), PE-terminal and grey enclosure. Fixed cable entries with C-flange entries. Entry plate fixing profiles are used also for mounting the safety switch. Auxiliary contacts are wired to the terminal blocks in sizes 200A...800A. Cover interlock and defeatable interlock included.

##### Cable entries from top and bottom



OT90...125GLCC3AZ

OT160EVLCC3AZ,  
OT200...315KLCC3AZ

OT400DLCC3AZ

OT1000BLCC3AZ,  
OT1250ELCC3AZ

| Max. motor output/<br>AC-23A |           | Cable openings/side | Enclosure dimensions |          |          | Cover flanges included [pcs] | Type         | Order number    | Weight /unit kg |
|------------------------------|-----------|---------------------|----------------------|----------|----------|------------------------------|--------------|-----------------|-----------------|
|                              |           |                     | Height mm            | Width mm | Depth mm |                              |              |                 |                 |
| 415V kW/A                    | 690V kW/A |                     |                      |          |          |                              |              |                 |                 |
| 45/90                        | 75/90     | C-flange/C-flange   | 400                  | 250      | 180      | 0                            | OT90GLCC3AZ  | 1SCA148203R1001 | 9.4             |
| 55/125                       | 110/125   |                     | 400                  | 250      | 180      | 0                            | OT125GLCC3AZ | 1SCA148211R1001 | 9.4             |

Knock-outs: 9.5mm, 10mm, 12.5mm, 20.5mm, 25.5mm

Auxiliary contacts included: 1NO+1NC • Auxiliary contacts max: 2NO+2NC

|          |           |                           |      |     |     |   |               |                 |       |
|----------|-----------|---------------------------|------|-----|-----|---|---------------|-----------------|-------|
| 80/160   | 144/160   | 2xC-flange/<br>2xC-flange | 600  | 400 | 230 | 2 | OT160EVLCC3AZ | 1SCA148590R1001 | 19.41 |
| 110/200  | 160/200   |                           | 600  | 400 | 230 | 2 | OT200KLCC3AZ  | 1SCA022512R6330 | 21    |
| 132/250  | 200/250   |                           | 600  | 400 | 230 | 2 | OT250KLCC3AZ  | 1SCA022512R6410 | 21    |
| 160/315  | 250/315   |                           | 600  | 400 | 230 | 2 | OT315KLCC3AZ  | 1SCA022512R6500 | 21    |
| 220/400  | 355/400   |                           | 800  | 400 | 230 | 2 | OT400DLCC3AZ  | 1SCA022512R6680 | 27    |
| 315/570  | 560/570   |                           | 1000 | 400 | 230 | 2 | OT630KLCC3AZ  | 1SCA022512R6760 | 31    |
| 400/720  | 710/720   | 3xC-flange/3xC-flange     | 1000 | 400 | 230 | 2 | OT800ELCC3AZ  | 1SCA022828R1000 | 31    |
| 560/1000 | 1000/1000 |                           | 1200 | 400 | 330 | 2 | OT1000BBCC3AZ | 1SCA022512R6920 | 63    |
| 560/1000 | 1000/1000 | 6xC-flange/6xC-flange     | 1200 | 800 | 330 | 8 | OT1000BLCC3AZ | 1SCA022512R6840 | 67    |
| 710/1250 | 1200/1250 |                           | 1200 | 800 | 330 | 8 | OT1250ELCC3AZ | 1SCA102768R1001 | 67    |

##### Cable entries from bottom



OT90...125GAUC3AZ

OT160EVAUC3AZ,  
OT200KAUC3AZ

OT250KAUC3AZ



OT630KBUC3AZ

OT1000BAUC3AZ,  
OT1250EAUC3AZ

| Max. motor output/<br>AC-23A |           | Cable openings/side | Enclosure dimensions |          |          | Cover flanges included [pcs] | Type         | Order number    | Weight /unit kg |
|------------------------------|-----------|---------------------|----------------------|----------|----------|------------------------------|--------------|-----------------|-----------------|
|                              |           |                     | Height mm            | Width mm | Depth mm |                              |              |                 |                 |
| 415V kW/A                    | 690V kW/A |                     |                      |          |          |                              |              |                 |                 |
| 45/90                        | 75/90     | Blank/2xC-flange    | 400                  | 400      | 230      | 1                            | OT90GAUC3AZ  | 1SCA148433R1001 | 14.5            |
| 55/125                       | 110/125   |                     | 400                  | 400      | 230      | 1                            | OT125GAUC3AZ | 1SCA148439R1001 | 14.5            |

Knock-outs: 9.5mm, 10mm, 12.5mm, 20.5mm, 25.5mm

Auxiliary contacts included: 1NO+1NC • Auxiliary contacts max: 2NO+2NC

|         |         |                  |     |     |     |   |               |                 |       |
|---------|---------|------------------|-----|-----|-----|---|---------------|-----------------|-------|
| 80/160  | 144/160 | Blank/2xC-flange | 600 | 400 | 230 | 1 | OT160EVAUC3AZ | 1SCA147977R1001 | 21.91 |
| 110/200 | 160/200 |                  | 600 | 400 | 230 | 1 | OT200KAUC3AZ  | 1SCA022513R0010 | 23    |
| 132/200 | 200/250 |                  | 800 | 400 | 230 | 1 | OT250KAUC3AZ  | 1SCA022513R0100 | 27    |
| 160/315 | 250/315 |                  | 800 | 400 | 230 | 1 | OT315KAUC3AZ  | 1SCA022513R0280 | 27    |
| 220/400 | 355/400 |                  | 800 | 400 | 230 | 1 | OT400DAUC3AZ  | 1SCA022513R0360 | 30    |

Knock-outs: 2x10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm

Auxiliary contacts included: 2NO+1NC • Auxiliary contacts max: 2NO+1NC

|          |           |                  |      |     |     |   |               |                 |    |
|----------|-----------|------------------|------|-----|-----|---|---------------|-----------------|----|
| 315/570  | 560/570   | Blank/3xC-flange | 1000 | 400 | 330 | 1 | OT630KBUC3AZ  | 1SCA022513R0520 | 48 |
| 315/570  | 560/570   | Blank/4xC-flange | 1000 | 800 | 230 | 2 | OT630KAUC3AZ  | 1SCA022513R0440 | 50 |
| 400/720  | 710/720   |                  | 1000 | 800 | 230 | 2 | OT800EAUC3AZ  | 1SCA022827R9950 | 50 |
| 560/1000 | 1000/1000 | Blank/6xC-flange | 1200 | 800 | 330 | 3 | OT1000BAUC3AZ | 1SCA022513R0610 | 73 |
| 710/1250 | 1200/1250 |                  | 1200 | 800 | 330 | 3 | OT1250EAUC3AZ | 1SCA103279R1001 | 73 |

Compression glands or flanges to be ordered separately.

## Ordering information

### Steel sheet enclosed safety switches



OT90GLUU3AZ



OT200...250KLUU3AZ



OT400DLUU3AZ



OT1000BLUU3AZ

#### Safety switches with blank cable entries, 3-pole, IP65, red-yellow handle

The delivery includes a red-yellow pistol handle (I-O/ON-OFF), PE-terminal and grey enclosure. Blank cable entries. Auxiliary contacts are wired to the terminal blocks in sizes 200A...800A. Cover interlock and defeatable interlock included.

##### Cable entries from top and bottom

| Max. motor output/<br>AC-23A                                           |              | Cable<br>openings/side | Enclosure<br>dimensions |       |       | Type                      | Order number    | Weight<br>/unit<br>kg |
|------------------------------------------------------------------------|--------------|------------------------|-------------------------|-------|-------|---------------------------|-----------------|-----------------------|
|                                                                        |              |                        | Height                  | Width | Depth |                           |                 |                       |
| 415V<br>kW/A                                                           | 690V<br>kW/A |                        | mm                      | mm    | mm    |                           |                 |                       |
| Auxiliary contacts included: 1NO+1NC • Auxiliary contacts max: 2NO+2NC |              |                        |                         |       |       |                           |                 |                       |
| 45/90                                                                  | 75/90        | Blank/Blank            | 400                     | 250   | 180   | OT90GLUU3AZ <sup>1)</sup> | 1SCA148206R1001 | 9.4                   |
| Auxiliary contacts included: 2NO+1NC • Auxiliary contacts max: 2NO+1NC |              |                        |                         |       |       |                           |                 |                       |
| 110/200                                                                | 160/200      | Blank/Blank            | 600                     | 400   | 230   | OT200KLUU3AZ              | 1SCA022549R2190 | 30                    |
| 132/250                                                                | 200/250      |                        | 600                     | 400   | 230   | OT250KLUU3AZ              | 1SCA022549R2270 | 21                    |
| 220/400                                                                | 355/400      |                        | 800                     | 400   | 230   | OT400DLUU3AZ              | 1SCA022549R2430 | 27                    |
| 315/570                                                                | 560/570      |                        | 1000                    | 400   | 230   | OT630KLUU3AZ              | 1SCA022549R2510 | 31                    |
| 560/1000                                                               | 1000/1000    |                        | 1200                    | 800   | 330   | OT1000BLUU3AZ             | 1SCA022549R2600 | 66                    |

Compression glands or flanges to be ordered separately.

<sup>1)</sup> Knock-outs 10, 12.5, 20.5, 25.5, 32.5, 40.5 mm



## Ordering information

### Steel sheet enclosed safety switches



OTL16A4M



OTL25...36A4M



OTL75...90A4B



OTL16...36A4B



OTL63A4B

#### Safety switches, 4-pole, IP65, red-yellow handle

The delivery includes a red-yellow handle (I-O/ON-OFF), auxiliary contact 1NO and PE-terminal. Knock-out type cable openings included, cable outlets also for control cable. Grey enclosure, equipped with hinges and lock. Cover interlock and defeatable interlock included.

##### Cable entries from top and bottom

| Max. motor output/<br>AC-23A |              | Cable openings/side | Enclosure dimensions |             |             | Type | Order number | Weight /unit<br>kg |
|------------------------------|--------------|---------------------|----------------------|-------------|-------------|------|--------------|--------------------|
|                              |              |                     | Height<br>mm         | Width<br>mm | Depth<br>mm |      |              |                    |
| 415V<br>kW/A                 | 690V<br>kW/A |                     |                      |             |             |      |              |                    |

##### Selector handle

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|        |        |                 |     |     |     |          |                 |     |
|--------|--------|-----------------|-----|-----|-----|----------|-----------------|-----|
| 7,5/16 | 7,5/10 | 2xø25.5/2xø25.5 | 200 | 150 | 100 | OTL16A4M | 1SCA022612R9130 | 1.8 |
|--------|--------|-----------------|-----|-----|-----|----------|-----------------|-----|

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+1NC

|       |       |                |     |     |     |          |                 |   |
|-------|-------|----------------|-----|-----|-----|----------|-----------------|---|
| 15/30 | 15/20 | 2xø32.5+ø16.5/ | 200 | 150 | 100 | OTL25A4M | 1SCA022612R9210 | 2 |
| 22/45 | 15/20 | 2xø32.5+ø16.5  | 200 | 150 | 100 | OTL36A4M | 1SCA022612R9300 | 2 |

##### Pistol handle

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|       |       |                   |     |     |     |          |                 |     |
|-------|-------|-------------------|-----|-----|-----|----------|-----------------|-----|
| 30/63 | 30/35 | 2xø32.5+ø16.5/    | 250 | 165 | 110 | OTL63A4M | 1SCA022612R9480 | 2.5 |
|       |       | 2xø32.5+ø16.5     |     |     |     |          |                 |     |
| 37/80 | 37/40 | B-flange/B-flange | 300 | 200 | 135 | OTL75A4B | 1SCA022555R7660 | 3.4 |
| 45/90 | 45/50 |                   | 300 | 200 | 135 | OTL90A4B | 1SCA022555R7910 | 3.4 |

##### Cable entries from bottom

| Max. motor output/<br>AC-23A |              | Cable openings/side | Enclosure dimensions |             |             | Type | Order number | Weight /unit<br>kg |
|------------------------------|--------------|---------------------|----------------------|-------------|-------------|------|--------------|--------------------|
|                              |              |                     | Height<br>mm         | Width<br>mm | Depth<br>mm |      |              |                    |
| 415V<br>kW/A                 | 690V<br>kW/A |                     |                      |             |             |      |              |                    |

##### Selector handle

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|        |        |                |     |     |     |          |                 |     |
|--------|--------|----------------|-----|-----|-----|----------|-----------------|-----|
| 7,5/16 | 7,5/10 | Blank/B-flange | 200 | 150 | 100 | OTL16A4B | 1SCA022745R7010 | 1.7 |
|--------|--------|----------------|-----|-----|-----|----------|-----------------|-----|

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+1NC

|       |       |                |     |     |     |          |                 |   |
|-------|-------|----------------|-----|-----|-----|----------|-----------------|---|
| 15/30 | 15/20 | Blank/B-flange | 200 | 150 | 100 | OTL25A4B | 1SCA022745R7190 | 2 |
| 22/45 | 15/20 |                | 200 | 150 | 100 | OTL36A4B | 1SCA022745R7270 | 2 |

Auxiliary contacts included: 1NO • Auxiliary contacts max: 1NO+1NC

|       |       |                |     |     |     |          |                 |     |
|-------|-------|----------------|-----|-----|-----|----------|-----------------|-----|
| 30/63 | 30/35 | Blank/B-flange | 200 | 150 | 100 | OTL63A4B | 1SCA022745R7350 | 2.1 |
|-------|-------|----------------|-----|-----|-----|----------|-----------------|-----|

Compression glands or flanges to be ordered separately.

## Ordering information

### Steel sheet enclosed safety switches



OT160EVLRR4AZ,  
OT200...315KLRR4AZ



OT400DLRR4AZ



OT630KLRR4AZ,  
OT800ELRR4AZ



OT200KAUR4AZ



OT250...315KAUR4AZ

#### Safety switches with ring-flange cable entries, 4-pole, IP65, red-yellow handle

The delivery includes a red-yellow pistol type handle (I-O/ON-OFF), PE-terminal and grey enclosure. Fixed cable entry with ring-flange entries. Entry plate fixing profiles are used also for mounting the safety switch. Auxiliary contacts are wired to the terminal blocks in sizes 200A...800A. Cover interlock and defeatable interlock included.

##### Cable entries from top and bottom

| Max. motor output/<br>AC-23A |              | Cable<br>openings/side          | Enclosure<br>dimensions |             |             | Cover<br>flanges<br>included<br>[pcs] | Type          | Order number    | Weight<br>/unit<br>kg |
|------------------------------|--------------|---------------------------------|-------------------------|-------------|-------------|---------------------------------------|---------------|-----------------|-----------------------|
|                              |              |                                 | Height<br>mm            | Width<br>mm | Depth<br>mm |                                       |               |                 |                       |
| 415V<br>kW/A                 | 690V<br>kW/A |                                 |                         |             |             |                                       |               |                 |                       |
| 80/160                       | 144/160      | 4xring-flange/<br>4xring-flange | 600                     | 400         | 230         | 4                                     | OT160EVLRR4AZ | 1SCA148598R1001 | 20.91                 |
| 110/200                      | 160/200      |                                 | 600                     | 400         | 230         | 6                                     | OT200KLRR4AZ  | 1SCA022542R6990 | 22                    |
| 132/250                      | 200/250      |                                 | 600                     | 400         | 230         | 6                                     | OT250KLRR4AZ  | 1SCA022542R7020 | 22                    |
| 160/315                      | 250/315      |                                 | 600                     | 400         | 230         | 6                                     | OT315KLRR4AZ  | 1SCA022542R7110 | 22                    |
| 220/400                      | 355/400      |                                 | 800                     | 400         | 230         | 5                                     | OT400DLRR4AZ  | 1SCA022542R7290 | 29                    |
| 315/570                      | 560/570      |                                 | 1000                    | 400         | 230         | 4                                     | OT630KLRR4AZ  | 1SCA022542R7450 | 33                    |
| 400/720                      | 710/720      |                                 | 1000                    | 400         | 230         | 4                                     | OT800ELRR4AZ  | 1SCA022828R1690 | 33                    |

Knock-outs: 3x10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm

Auxiliary contacts included: 2NO+1NC • Auxiliary contacts max: 2NO+1NC

##### Cable entries from bottom

| Max. motor output/<br>AC-23A |              | Cable<br>openings/side | Enclosure<br>dimensions |             |             | Cover<br>flanges<br>included<br>[pcs] | Type         | Order number    | Weight<br>/unit<br>kg |
|------------------------------|--------------|------------------------|-------------------------|-------------|-------------|---------------------------------------|--------------|-----------------|-----------------------|
|                              |              |                        | Height<br>mm            | Width<br>mm | Depth<br>mm |                                       |              |                 |                       |
| 415V<br>kW/A                 | 690V<br>kW/A |                        |                         |             |             |                                       |              |                 |                       |
| 110/200                      | 160k/200     | Blank/4xring-flange    | 600                     | 400         | 230         | 2                                     | OT200KAUR4AZ | 1SCA022815R9710 | 23                    |
| 110/200                      | 200/250      |                        | 800                     | 400         | 230         | 2                                     | OT250KAUR4AZ | 1SCA022816R0470 | 27                    |
| 160/315                      | 250/315      |                        | 800                     | 400         | 230         | 2                                     | OT315KAUR4AZ | 1SCA022816R0980 | 27                    |

Compression glands or flanges to be ordered separately.

## Ordering information

### Steel sheet enclosed safety switches



OT90...125GLCC4AZ

OT160EVLCC4AZ,  
OT200...315KLCC4AZ

OT400DLCC4AZ



OT250...315KAUC4AZ

#### Safety switches with C-flange cable entries, 4-pole, IP65, red-yellow handle

The delivery includes a red-yellow pistol type handle (I-O/ON-OFF), PE-terminal and grey enclosure. Fixed cable entries with C-flange entries. Entry plate fixing profiles are used also for mounting the safety switch. Auxiliary contacts are wired to the terminal blocks in sizes 200A...800A. Cover interlock and defeatable interlock included.

##### Cable entries from top and bottom

| Max. motor output/<br>AC-23A |              | Cable<br>openings/side | Enclosure<br>dimensions |             |             | Cover<br>flanges<br>included<br>[pcs] | Type         | Order number    | Weight<br>/unit<br>kg |
|------------------------------|--------------|------------------------|-------------------------|-------------|-------------|---------------------------------------|--------------|-----------------|-----------------------|
|                              |              |                        | Height<br>mm            | Width<br>mm | Depth<br>mm |                                       |              |                 |                       |
| 415V<br>kW/A                 | 690V<br>kW/A | C-flange/C-flange      | 400                     | 250         | 180         | 0                                     | OT90GLCC4AZ  | 1SCA148205R1001 | 9.6                   |
| 55/90                        | 75/90        |                        | 400                     | 250         | 180         | 0                                     | OT125GLCC4AZ | 1SCA148213R1001 | 9.6                   |

Knock-outs: 9.5mm, 10mm, 12.5mm, 20.5mm, 25.5mm

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

| Max. motor output/<br>AC-23A |         | Cable<br>openings/side | Enclosure<br>dimensions |             |             | Cover<br>flanges<br>included<br>[pcs] | Type          | Order number    | Weight<br>/unit<br>kg |
|------------------------------|---------|------------------------|-------------------------|-------------|-------------|---------------------------------------|---------------|-----------------|-----------------------|
|                              |         |                        | Height<br>mm            | Width<br>mm | Depth<br>mm |                                       |               |                 |                       |
| 80/160                       | 144/160 | 2xC-flange/2xC-flange  | 600                     | 400         | 230         | 2                                     | OT160EVLCC4AZ | 1SCA148592R1001 | 20.91                 |
| 110/200                      | 160/200 |                        | 600                     | 400         | 230         | 2                                     | OT200KLCC4AZ  | 1SCA022542R8260 | 22                    |
| 132/250                      | 200/250 |                        | 600                     | 400         | 230         | 2                                     | OT250KLCC4AZ  | 1SCA022542R8340 | 22                    |
| 160/315                      | 250/315 |                        | 600                     | 400         | 230         | 2                                     | OT315KLCC4AZ  | 1SCA022542R8690 | 22                    |
| 220/400                      | 355/400 |                        | 800                     | 400         | 230         | 2                                     | OT400DLCC4AZ  | 1SCA022542R8770 | 29                    |
| 315/570                      | 560/570 |                        | 1000                    | 400         | 230         | 2                                     | OT630KLCC4AZ  | 1SCA022542R8850 | 33                    |
| 400/720                      | 710/720 |                        | 1000                    | 400         | 230         | 2                                     | OT800ELCC4AZ  | 1SCA022828R1510 | 33                    |

Knock-outs: 9.5mm, 10mm, 12.5mm, 20.5mm, 25.5mm

Auxiliary contacts included: 2NO+1NC • Auxiliary contacts max: 2NO+1NC

##### Cable entries from bottom

| Max. motor output/<br>AC-23A |         | Cable<br>openings/side | Enclosure<br>dimensions |             |             | Cover<br>flanges<br>included<br>[pcs] | Type         | Order number    | Weight<br>/unit<br>kg |
|------------------------------|---------|------------------------|-------------------------|-------------|-------------|---------------------------------------|--------------|-----------------|-----------------------|
|                              |         |                        | Height<br>mm            | Width<br>mm | Depth<br>mm |                                       |              |                 |                       |
| 110/200                      | 200/250 | Blank/2xC-flange       | 800                     | 400         | 230         | 1                                     | OT250KAUC4AZ | 1SCA022816R0550 | 27                    |
| 160/315                      | 250/315 |                        | 800                     | 400         | 230         | 1                                     | OT315KAUC4AZ | 1SCA022815R8140 | 27                    |

Knock-outs: 10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm

Auxiliary contacts included: 2NO+1NC • Auxiliary contacts max: 2NO+1NC

Compression glands or flanges to be ordered separately.

## Ordering information

### Steel sheet enclosed safety switches



OT16A6M



OTL25A6B



OTL36A6M



OTL75...90A6U

#### Safety switches, 6-pole, IP65, red-yellow handle

The delivery includes a red-yellow handle (I-O/ON-OFF), auxiliary contact 1NO and PE-terminal. Knock-out type cable openings included, cable outlets also for control cable. Grey enclosure, equipped with hinges and lock. Cover interlock and defeatable interlock included.

##### Cable entries from top and bottom

| Max. motor output/<br>AC-23A |              | Cable openings/side | Enclosure dimensions |             |             | Type | Order number | Weight /unit<br>kg |
|------------------------------|--------------|---------------------|----------------------|-------------|-------------|------|--------------|--------------------|
|                              |              |                     | Height<br>mm         | Width<br>mm | Depth<br>mm |      |              |                    |
| 415V<br>kW/A                 | 690V<br>kW/A |                     |                      |             |             |      |              |                    |

##### Selector handle

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|        |        |                 |     |     |     |          |                 |     |
|--------|--------|-----------------|-----|-----|-----|----------|-----------------|-----|
| 7,5/16 | 7,5/10 | 2xø25.5/2xø25.5 | 200 | 150 | 100 | OTL16A6M | 1SCA022612R9560 | 1.8 |
|--------|--------|-----------------|-----|-----|-----|----------|-----------------|-----|

##### Pistol handle

Auxiliary contacts included: 1NO • Auxiliary contacts max: 1NO

|       |       |                                 |     |     |     |          |                 |     |
|-------|-------|---------------------------------|-----|-----|-----|----------|-----------------|-----|
| 15/30 | 15/20 | 2xø32.5+ø16.5/<br>2xø32.5+ø16.5 | 250 | 165 | 110 | OTL25A6M | 1SCA022612R9640 | 2.5 |
| 15/30 | 15/20 | B-flange/B-flange               | 250 | 165 | 110 | OTL25A6B | 1SCA022745R6890 | 3.4 |
| 22/45 | 15/20 | 2xø32.5+ø16.5/<br>2xø32.5+ø16.5 | 250 | 165 | 110 | OTL36A6M | 1SCA022612R9720 | 2.5 |
| 22/45 | 15/20 | B-flange/B-flange               | 250 | 165 | 110 | OTL36A6B | 1SCA022745R6970 | 3.4 |
| 37/80 | 37/40 | B-flange/B-flange               | 300 | 200 | 135 | OTL75A6B | 1SCA022555R7740 | 3.6 |
| 37/80 | 37/40 | Blank/Blank                     | 300 | 200 | 135 | OTL75A6U | 1SCA022696R4830 | 3.6 |
| 45/90 | 45/50 | B-flange/B-flange               | 300 | 200 | 135 | OTL90A6B | 1SCA022555R8040 | 3.6 |
| 45/90 | 45/50 | Blank/Blank                     | 300 | 200 | 135 | OTL90A6U | 1SCA022708R3090 | 3.6 |

Compression glands or flanges to be ordered separately.

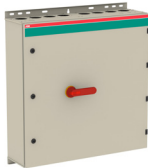


## Ordering information

### Steel sheet enclosed safety switches



OT90...125GLRR6AZ

OT160EVLRR6AZ,  
OT200KLRR6AZOT250...315KLRR6AZ,  
OT400DLRR6AZOT630KLRR6AZ,  
OT800ELRR6AZ

#### Safety switches with ring-flange cable entries, 6-pole, IP65, red-yellow handle

The delivery includes a red-yellow pistol type handle (I-O/ON-OFF), PE-terminal and grey enclosure. Fixed divided cable entry with ring-flange entries. Entry plate fixing profiles are used also for mounting the safety switch. Auxiliary contacts are wired to the terminal blocks in sizes 200A...800A. Cover interlock and defeatable interlock included.

##### Cable entries from top and bottom

| Max. motor output/<br>AC-23A                                                                                                 |              | Cable<br>openings/side                                                                                                   | Enclosure<br>dimensions |             |             | Cover<br>flanges<br>included<br>[pcs] | Type          | Order number    | Weight<br>/unit<br>kg |
|------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------|-------------|-------------|---------------------------------------|---------------|-----------------|-----------------------|
|                                                                                                                              |              |                                                                                                                          | Height<br>mm            | Width<br>mm | Depth<br>mm |                                       |               |                 |                       |
| 415V<br>kW/A                                                                                                                 | 690V<br>kW/A | 4xring-flange/<br>4xring-flange                                                                                          | 400                     | 400         | 230         | 4                                     | OT90GLRR6AZ   | 1SCA148474R1001 | 16.4                  |
| 45/90                                                                                                                        | 75/90        |                                                                                                                          | 400                     | 400         | 230         | 4                                     | OT125GLRR6AZ  | 1SCA148478R1001 | 16.4                  |
| 55/125                                                                                                                       | 110/125      | Knock-outs: 3x10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm<br>Auxiliary contacts included: 2NO • Auxiliary contacts max: 2NO+2NC |                         |             |             |                                       |               |                 |                       |
| 80/160                                                                                                                       | 144/160      | 8xring-flange/<br>8xring-flange                                                                                          | 600                     | 800         | 230         | 12                                    | OT160EVLRR6AZ | 1SCA148020R1001 | 37                    |
| Knock-outs: 3x10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm<br>Auxiliary contacts included: 2NO+2NC • Auxiliary contacts max: 2NO+2NC |              |                                                                                                                          |                         |             |             |                                       |               |                 |                       |
| 110/200                                                                                                                      | 160/200      | 8xring-flange/<br>8xring-flange                                                                                          | 600                     | 800         | 230         | 12                                    | OT200KLRR6AZ  | 1SCA022512R9190 | 37                    |
| 132/250                                                                                                                      | 200/250      |                                                                                                                          | 800                     | 800         | 230         | 8                                     | OT250KLRR6AZ  | 1SCA022512R9270 | 42                    |
| 160/315                                                                                                                      | 250/315      |                                                                                                                          | 800                     | 800         | 230         | 8                                     | OT315KLRR6AZ  | 1SCA022512R9350 | 42                    |
| 220/400                                                                                                                      | 355/400      |                                                                                                                          | 800                     | 800         | 230         | 8                                     | OT400DLRR6AZ  | 1SCA022512R9430 | 45                    |
| 315/570                                                                                                                      | 560/570      |                                                                                                                          | 1000                    | 800         | 230         | 8                                     | OT630KLRR6AZ  | 1SCA022512R9510 | 54                    |
| 400/720                                                                                                                      | 710/720      |                                                                                                                          | 1000                    | 800         | 230         | 8                                     | OT800ELRR6AZ  | 1SCA022828R2580 | 54                    |

Compression glands or flanges to be ordered separately.

Ordering information

Steel sheet enclosed safety switches



OT90...125GAUR6AZ



OT160EVAUR6AZ,  
OT200KAUR6AZ



OT250...315KAUR6AZ,  
OT400DAUR6AZ



OT630KAUR6AZ

Safety switches with ring-flange cable entries, 6-pole, IP65, red-yellow handle

The delivery includes a red-yellow pistol type handle (I-O/ON-OFF), PE-terminal and grey enclosure. Fixed cable entry with ring-flange entries. Entry plate fixing profiles are used also for mounting the safety switch. Auxiliary contacts are wired to the terminal blocks in sizes 200A...800A. Cover interlock and defeatable interlock included.

| Cable entries from bottom                                              |         |                        |                         |       |       |                                       |               |                 |                       |
|------------------------------------------------------------------------|---------|------------------------|-------------------------|-------|-------|---------------------------------------|---------------|-----------------|-----------------------|
| Max. motor output/<br>AC-23A                                           |         | Cable<br>openings/side | Enclosure<br>dimensions |       |       | Cover<br>flanges<br>included<br>[pcs] | Type          | Order number    | Weight<br>/unit<br>kg |
| 415V                                                                   | 690V    |                        | Height                  | Width | Depth |                                       |               |                 |                       |
| kW/A                                                                   | kW/A    |                        | mm                      | mm    | mm    |                                       |               |                 |                       |
| Knock-outs: 3x10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm                     |         |                        |                         |       |       |                                       |               |                 |                       |
| Auxiliary contacts included: 2NO • Auxiliary contacts max: 2NO+2NC     |         |                        |                         |       |       |                                       |               |                 |                       |
| 45/90                                                                  | 75/90   | Blank/4xring-flange    | 600                     | 400   | 230   | 4                                     | OT90GAUR6AZ   | 1SCA148492R1001 | 21.31                 |
| 55/125                                                                 | 110/125 |                        | 600                     | 400   | 230   | 4                                     | OT125GAUR6AZ  | 1SCA148496R1001 | 21.31                 |
| Knock-outs: 9.5mm, 10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm                |         |                        |                         |       |       |                                       |               |                 |                       |
| Auxiliary contacts included: 4NO+2NC • Auxiliary contacts max: 4NO+2NC |         |                        |                         |       |       |                                       |               |                 |                       |
| 80/160                                                                 | 144/160 | Blank/8xring-flange    | 600                     | 800   | 230   | 4                                     | OT160EVAUR6AZ | 1SCA147987R1001 | 39                    |
| 110/200                                                                | 160/200 |                        | 600                     | 800   | 230   | 4                                     | OT200KAUR6AZ  | 1SCA022542R5590 | 39                    |
| 132/250                                                                | 200/250 |                        | 800                     | 800   | 230   | 4                                     | OT250KAUR6AZ  | 1SCA022542R5670 | 45                    |
| 160/315                                                                | 250/315 |                        | 800                     | 800   | 230   | 2                                     | OT315KAUR6AZ  | 1SCA022542R5750 | 45                    |
| 220/400                                                                | 355/400 |                        | 800                     | 800   | 230   | 2                                     | OT400DAUR6AZ  | 1SCA022542R5830 | 48                    |
| 315/570                                                                | 560/570 |                        | 1000                    | 800   | 330   | 2                                     | OT630KAUR6AZ  | 1SCA022542R5910 | 85                    |

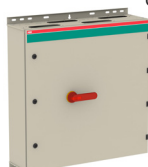
Compression glands or flanges to be ordered separately.

## Ordering information

### Steel sheet enclosed safety switches



OT90...125GLCC6AZ

OT160EVLCC6AZ,  
OT200KLCC6AZOT250...315KLCC6AZ,  
OT400DLCC6AZOT630KLCC6AZ,  
OT800ELCC6AZ

OT90...125GAUC6AZ

OT160EVAUC6AZ,  
OT200KAUC6AZOT250...315KAUC6AZ,  
OT400DAUC6AZ

OT630KAUC6AZ

#### Safety switches with C-flange cable entries, 6-pole, IP65, red-yellow handle

The delivery includes a red-yellow pistol type handle (I-O/ON-OFF), PE-terminal and grey enclosure. Fixed divided cable entry with C-flange entries. Entry plate fixing profiles are used also for mounting the safety switch. Auxiliary contacts are wired to the terminal blocks in sizes 200A...800A. Cover interlock and defeatable interlock included.

##### Cable entries from top and bottom

| Max. motor output/<br>AC-23A |              | Cable<br>openings/side | Enclosure<br>dimensions |             |             | Cover<br>flanges<br>included<br>[pcs] | Type | Order number | Weight<br>/unit<br>kg |
|------------------------------|--------------|------------------------|-------------------------|-------------|-------------|---------------------------------------|------|--------------|-----------------------|
|                              |              |                        | Height<br>mm            | Width<br>mm | Depth<br>mm |                                       |      |              |                       |
| 415V<br>kW/A                 | 690V<br>kW/A |                        |                         |             |             |                                       |      |              |                       |

Knock-outs: 9.5mm, 10mm, 12.5mm, 20.5mm, 25.5mm

Auxiliary contacts included: 2NO+2NC • Auxiliary contacts max: 2NO+2NC

|       |       |                       |     |     |     |   |             |                 |      |
|-------|-------|-----------------------|-----|-----|-----|---|-------------|-----------------|------|
| 45/90 | 75/90 | 2xC-flange/2xC-flange | 400 | 400 | 230 | 2 | OT90GLCC6AZ | 1SCA148472R1001 | 16.4 |
|-------|-------|-----------------------|-----|-----|-----|---|-------------|-----------------|------|

Knock-outs: 9.5mm, 10mm, 12.5mm, 20.5mm, 25.5mm

Auxiliary contacts included: 1NO+1NC • Auxiliary contacts max: 2NO+2NC

|        |         |                       |     |     |     |   |              |                 |      |
|--------|---------|-----------------------|-----|-----|-----|---|--------------|-----------------|------|
| 55/125 | 110/125 | 2xC-flange/2xC-flange | 400 | 400 | 230 | 2 | OT125GLCC6AZ | 1SCA148476R1001 | 16.4 |
|--------|---------|-----------------------|-----|-----|-----|---|--------------|-----------------|------|

Knock-outs: 2x10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm

Auxiliary contacts included: 4NO+2NC • Auxiliary contacts max: 4NO+2NC

|         |         |                       |      |     |     |   |               |                 |    |
|---------|---------|-----------------------|------|-----|-----|---|---------------|-----------------|----|
| 80/160  | 144/160 | 4xC-flange/4xC-flange | 600  | 800 | 230 | 4 | OT160EVLCC6AZ | 1SCA148018R1001 | 37 |
| 110/200 | 160/200 |                       | 600  | 800 | 230 | 4 | OT200KLCC6AZ  | 1SCA022512R8200 | 37 |
| 132/250 | 200/250 |                       | 800  | 800 | 230 | 4 | OT250KLCC6AZ  | 1SCA022512R8380 | 42 |
| 160/315 | 250/315 |                       | 800  | 800 | 230 | 4 | OT315KLCC6AZ  | 1SCA022512R8460 | 42 |
| 220/400 | 355/400 |                       | 800  | 800 | 230 | 4 | OT400DLCC6AZ  | 1SCA022512R8540 | 45 |
| 315/570 | 560/570 |                       | 1000 | 800 | 230 | 4 | OT630KLCC6AZ  | 1SCA022512R8620 | 54 |
| 400/720 | 710/720 |                       | 1000 | 800 | 230 | 4 | OT800ELCC6AZ  | 1SCA022828R2400 | 54 |

##### Cable entries from bottom

| Max. motor output/<br>AC-23A |              | Cable<br>openings/side | Enclosure<br>dimensions |             |             | Cover<br>flanges<br>included<br>[pcs] | Type | Order number | Weight<br>/unit<br>kg |
|------------------------------|--------------|------------------------|-------------------------|-------------|-------------|---------------------------------------|------|--------------|-----------------------|
|                              |              |                        | Height<br>mm            | Width<br>mm | Depth<br>mm |                                       |      |              |                       |
| 415V<br>kW/A                 | 690V<br>kW/A |                        |                         |             |             |                                       |      |              |                       |

Knock-outs: 9.5mm, 10mm, 12.5mm, 20.5mm, 25.5mm

Auxiliary contacts included: 2NO • Auxiliary contacts max: 2NO+2NC

|       |       |                  |     |     |     |   |             |                 |       |
|-------|-------|------------------|-----|-----|-----|---|-------------|-----------------|-------|
| 45/90 | 75/90 | Blank/2xC-flange | 600 | 400 | 230 | 1 | OT90GAUC6AZ | 1SCA148490R1001 | 21.31 |
|-------|-------|------------------|-----|-----|-----|---|-------------|-----------------|-------|

Knock-outs: 9.5mm, 10mm, 12.5mm, 20.5mm, 25.5mm

Auxiliary contacts included: 1NO+1NC • Auxiliary contacts max: 2NO+2NC

|        |         |                  |     |     |     |   |              |                 |       |
|--------|---------|------------------|-----|-----|-----|---|--------------|-----------------|-------|
| 55/125 | 110/125 | Blank/2xC-flange | 600 | 400 | 230 | 1 | OT125GAUC6AZ | 1SCA148494R1001 | 21.31 |
|--------|---------|------------------|-----|-----|-----|---|--------------|-----------------|-------|

Knock-outs: 2x10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm

Auxiliary contacts included: 4NO+2NC • Auxiliary contacts max: 4NO+2NC

|         |         |                  |     |     |     |   |               |                 |    |
|---------|---------|------------------|-----|-----|-----|---|---------------|-----------------|----|
| 80/160  | 144/160 | Blank/4xC-flange | 600 | 800 | 230 | 2 | OT160EVAUC6AZ | 1SCA147985R1001 | 39 |
| 110/200 | 160/200 |                  | 600 | 800 | 230 | 2 | OT200KAUC6AZ  | 1SCA022542R6210 | 39 |
| 132/250 | 200/250 |                  | 800 | 800 | 230 | 2 | OT250KAUC6AZ  | 1SCA022542R6300 | 45 |
| 160/315 | 250/315 |                  | 800 | 800 | 230 | 1 | OT315KAUC6AZ  | 1SCA022542R6480 | 45 |
| 220/400 | 355/400 |                  | 800 | 800 | 230 | 1 | OT400DAUC6AZ  | 1SCA022542R6560 | 48 |

Knock-outs: 9.5mm, 3x10mm, 12.5mm, 2x20.5mm, 2x25.5mm, 2x32.5mm

Auxiliary contacts included: 4NO+2NC • Auxiliary contacts max: 4NO+2NC

|         |         |                  |      |     |     |   |              |                 |    |
|---------|---------|------------------|------|-----|-----|---|--------------|-----------------|----|
| 315/570 | 560/570 | Blank/6xC-flange | 1000 | 800 | 330 | 2 | OT630KAUC6AZ | 1SCA022542R6640 | 85 |
|---------|---------|------------------|------|-----|-----|---|--------------|-----------------|----|

Compression glands or flanges to be ordered separately.

Ordering information

Steel sheet enclosed safety switches



OT200KLUU6AZ



OT250...315KLUU6AZ,  
OT400DLUU6AZ

Safety switches with blank cable entries, 6-pole, IP65, red-yellow handle

The delivery includes a red-yellow pistol type handle (I-O/ON-OFF), PE-terminal and grey enclosure. Blank cable entries. Auxiliary contacts are wired to the terminal blocks in sizes 200A...800A. Cover interlock and defeatable interlock included.

Cable entries from top and bottom

| Max. motor output/<br>AC-23A                                           |         | Cable<br>openings/side | Enclosure<br>dimensions |       |       | Type         | Order number    | Weight<br>/unit<br>kg |
|------------------------------------------------------------------------|---------|------------------------|-------------------------|-------|-------|--------------|-----------------|-----------------------|
| 415V                                                                   | 690V    |                        | Height                  | Width | Depth |              |                 |                       |
| kW/A                                                                   | kW/A    |                        | mm                      | mm    | mm    |              |                 |                       |
| Auxiliary contacts included: 4NO+2NC • Auxiliary contacts max: 4NO+2NC |         |                        |                         |       |       |              |                 |                       |
| 110/200                                                                | 160/200 | Blank/Blank            | 600                     | 800   | 230   | OT200KLUU6AZ | 1SCA128193R1001 | 30                    |
| 132/250                                                                | 200/250 |                        | 800                     | 800   | 230   | OT250KLUU6AZ | 1SCA128194R1001 | 35                    |
| 160/315                                                                | 250/315 |                        | 800                     | 800   | 230   | OT315KLUU6AZ | 1SCA128195R1001 | 35                    |
| 220/400                                                                | 355/400 |                        | 800                     | 800   | 230   | OT400DLUU6AZ | 1SCA128196R1001 | 38                    |
| 315/570                                                                | 560/570 |                        | 1000                    | 800   | 230   | OT630KLUU6AZ | 1SCA128197R1001 | 47                    |
| Auxiliary contacts included: 4NO+2NC • Auxiliary contacts max: 4NO+2NC |         |                        |                         |       |       |              |                 |                       |
| 400/720                                                                | 710/720 | Blank/Blank            | 1000                    | 800   | 230   | OT800ELUU6AZ | 1SCA128198R1001 | 48                    |

Compression glands or flanges to be ordered separately.



## Ordering information

### Stainless steel enclosed safety switches

#### Safety switches, 3-pole, IP65, black handle

The delivery includes a black handle (I-O/ON-OFF), auxiliary contact 1NO and PE-terminal. Knock-out type cable openings included, cable outlets also for control cable. Equipped with hinges and lock. Cover interlock and defeatable interlock included.



OTR16T3M



OTR25...36T3M



OTR63T3M



OTR75...90T4B



OTR80...125T3M



OTR16...63T3B



OT125GSUM3TZ

#### Cable entries from top and bottom

| Max. motor output/<br>AC-23A |              | Cable openings/side | Enclosure dimensions |       |       | Type | Order number | Weight /unit<br>kg |
|------------------------------|--------------|---------------------|----------------------|-------|-------|------|--------------|--------------------|
|                              |              |                     | Height               | Width | Depth |      |              |                    |
| 415V<br>kW/A                 | 690V<br>kW/A |                     | mm                   | mm    | mm    |      |              |                    |

#### Selector handle

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|        |        |                 |     |     |     |          |                 |     |
|--------|--------|-----------------|-----|-----|-----|----------|-----------------|-----|
| 7,5/16 | 7,5/10 | 2xø25.5/2xø25.5 | 200 | 150 | 100 | OTR16T3M | 1SCA022613R2780 | 1.7 |
|--------|--------|-----------------|-----|-----|-----|----------|-----------------|-----|

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+1NC

|       |       |                 |     |     |     |          |                 |     |
|-------|-------|-----------------|-----|-----|-----|----------|-----------------|-----|
| 15/30 | 15/20 | 2xø32.5+ø16.5 / | 200 | 150 | 100 | OTR25T3M | 1SCA022613R3910 | 1.9 |
| 22/45 | 15/20 | 2xø32.5+ø16.5   | 200 | 150 | 100 | OTR36T3M | 1SCA022613R4050 | 1.9 |

#### Pistol handle

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|          |         |                   |     |     |     |           |                 |     |
|----------|---------|-------------------|-----|-----|-----|-----------|-----------------|-----|
| 30/63    | 30/35   | 2xø32.5+ø16.5 /   | 250 | 165 | 110 | OTR63T3M  | 1SCA022613R4130 | 2.4 |
|          |         | 2xø32.5+ø16.5     |     |     |     |           |                 |     |
| 37/80    | 37/40   | B-flange/B-flange | 300 | 200 | 135 | OTR75T3B  | 1SCA022567R1280 | 3.3 |
| 37 / 80  | 37 / 60 | 2xø50.5+ø16.5 /   | 300 | 200 | 135 | OTR80T3M  | 1SCA161467R1001 | 3,3 |
|          |         | 2xø50.5+ø16.5     |     |     |     |           |                 |     |
| 45/90    | 45/50   | B-flange/B-flange | 300 | 200 | 135 | OTR90T3B  | 1SCA022567R1440 | 3.3 |
| 45 / 90  | 37 / 60 | 2xø50.5+ø16.5 /   | 300 | 200 | 135 | OTR90T3M  | 1SCA161469R1001 | 3,3 |
|          |         | 2xø50.5+ø16.5     |     |     |     |           |                 |     |
| 55 / 125 | 37 / 60 |                   | 300 | 200 | 135 | OTR125T3M | 1SCA161471R1001 | 3,3 |

#### Cable entries from bottom

| Max. motor output/<br>AC-23A |              | Cable openings/side | Enclosure dimensions |       |       | Type | Order number | Weight /unit<br>kg |
|------------------------------|--------------|---------------------|----------------------|-------|-------|------|--------------|--------------------|
|                              |              |                     | Height               | Width | Depth |      |              |                    |
| 415V<br>kW/A                 | 690V<br>kW/A |                     | mm                   | mm    | mm    |      |              |                    |

#### Selector handle

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|        |        |                |     |     |     |          |                 |     |
|--------|--------|----------------|-----|-----|-----|----------|-----------------|-----|
| 7,5/16 | 7,5/10 | Blank/B-flange | 200 | 150 | 100 | OTR16T3B | 1SCA022572R0160 | 1.7 |
|--------|--------|----------------|-----|-----|-----|----------|-----------------|-----|

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|          |          |                       |     |     |     |              |                 |      |
|----------|----------|-----------------------|-----|-----|-----|--------------|-----------------|------|
| 15/30    | 15/20    | Blank/B-flange        | 200 | 150 | 100 | OTR25T3B     | 1SCA022572R0240 | 1.9  |
| 22/45    | 15/20    |                       | 200 | 150 | 100 | OTR36T3B     | 1SCA022572R0320 | 1.9  |
| 30/63    | 30/35    |                       | 200 | 150 | 100 | OTR63T3B     | 1SCA022572R0410 | 2    |
| 55 / 125 | 75 / 125 | Blank / 2xø50.5+ø20.5 | 400 | 400 | 230 | OT125GSUM3TZ | 1SCA161473R1001 | 14,8 |

Compression glands or flanges to be ordered separately.

## Ordering information

### Stainless steel sheet enclosed safety switches



OTR16T4M



OTR25...36T4M



OTR75...90T4B



OTR16...63T4B

#### Safety switches, 4-pole, IP65, black handle

The delivery includes a black handle (I-O/ON-OFF), auxiliary contact 1NO and PE-terminal. Knock-out type cable openings included, cable outlets also for control cable. Cover interlock and defeatable interlock included.

##### Cable entries from top and bottom

| Max. motor output/<br>AC-23A |              | Cable openings/side | Enclosure dimensions |             |             | Type | Order number | Weight /unit<br>kg |
|------------------------------|--------------|---------------------|----------------------|-------------|-------------|------|--------------|--------------------|
|                              |              |                     | Height<br>mm         | Width<br>mm | Depth<br>mm |      |              |                    |
| 415V<br>kW/A                 | 690V<br>kW/A |                     |                      |             |             |      |              |                    |

##### Selector handle

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|        |        |                 |     |     |     |          |                 |     |
|--------|--------|-----------------|-----|-----|-----|----------|-----------------|-----|
| 7,5/16 | 7,5/10 | 2xø25.5/2xø25.5 | 200 | 150 | 100 | OTR16T4M | 1SCA022613R4210 | 1.8 |
|--------|--------|-----------------|-----|-----|-----|----------|-----------------|-----|

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+1NC

|       |       |                |     |     |     |          |                 |   |
|-------|-------|----------------|-----|-----|-----|----------|-----------------|---|
| 15/30 | 15/20 | 2xø32.5+ø16.5/ | 200 | 150 | 100 | OTR25T4M | 1SCA022613R4300 | 2 |
| 22/45 | 15/20 | 2xø32.5+ø16.5  | 200 | 150 | 100 | OTR36T4M | 1SCA022613R4480 | 2 |

##### Pistol handle

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|       |       |                   |     |     |     |          |                 |     |
|-------|-------|-------------------|-----|-----|-----|----------|-----------------|-----|
| 30/63 | 30/35 | 2xø32.5+ø16.5/    | 250 | 165 | 110 | OTR63T4M | 1SCA022613R4560 | 2.5 |
| 37/80 | 37/40 | B-flange/B-flange | 300 | 200 | 135 | OTR75T4B | 1SCA022567R1360 | 3.4 |
| 45/90 | 45/50 |                   | 300 | 200 | 135 | OTR90T4B | 1SCA022567R1520 | 3.4 |

##### Cable entries from bottom

| Max. motor output/<br>AC-23A |              | Cable openings/side | Enclosure dimensions |             |             | Type | Order number | Weight /unit<br>kg |
|------------------------------|--------------|---------------------|----------------------|-------------|-------------|------|--------------|--------------------|
|                              |              |                     | Height<br>mm         | Width<br>mm | Depth<br>mm |      |              |                    |
| 415V<br>kW/A                 | 690V<br>kW/A |                     |                      |             |             |      |              |                    |

##### Selector handle

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|        |        |                |     |     |     |          |                 |     |
|--------|--------|----------------|-----|-----|-----|----------|-----------------|-----|
| 7,5/16 | 7,5/10 | Blank/B-flange | 200 | 150 | 100 | OTR16T4B | 1SCA022580R5740 | 1.8 |
|--------|--------|----------------|-----|-----|-----|----------|-----------------|-----|

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+1NC

|       |       |                |     |     |     |          |                 |   |
|-------|-------|----------------|-----|-----|-----|----------|-----------------|---|
| 15/30 | 15/20 | Blank/B-flange | 200 | 150 | 100 | OTR25T4B | 1SCA022580R5910 | 2 |
| 22/45 | 15/20 |                | 200 | 150 | 100 | OTR36T4B | 1SCA022580R6040 | 2 |

Auxiliary contacts included: 1NO • Auxiliary contacts max: 1NO+1NC

|       |       |                |     |     |     |          |                 |     |
|-------|-------|----------------|-----|-----|-----|----------|-----------------|-----|
| 30/63 | 30/35 | Blank/B-flange | 200 | 150 | 100 | OTR63T4B | 1SCA022580R6120 | 2.1 |
|-------|-------|----------------|-----|-----|-----|----------|-----------------|-----|

Compression glands or flanges to be ordered separately.

## Ordering information

### Stainless steel sheet enclosed safety switches



OTR16T6M



OTR16T6B



OTR25...36T6M



OTR25...36T6B



OTR75...90T6B

#### Safety switches, 6-pole, IP65, black handle

The delivery includes a black handle (I-O/ON-OFF), auxiliary contact 1NO and PE-terminal. Knock-out type cable openings included, cable outlets also for control cable. Equipped with hinges and lock. Cover interlock and defeatable interlock included.

##### Cable entries from top and bottom

| Max. motor output/<br>AC-23A |              | Cable openings/side | Enclosure dimensions |       |       | Type | Order number | Weight /unit<br>kg |
|------------------------------|--------------|---------------------|----------------------|-------|-------|------|--------------|--------------------|
|                              |              |                     | Height               | Width | Depth |      |              |                    |
| 415V<br>kW/A                 | 690V<br>kW/A |                     | mm                   | mm    | mm    |      |              |                    |

##### Selector handle

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|        |        |                                 |     |     |     |          |                 |     |
|--------|--------|---------------------------------|-----|-----|-----|----------|-----------------|-----|
| 7,5/16 | 7,5/10 | 2xø25.5+ø16.5/<br>2xø25.5+ø16.5 | 200 | 150 | 100 | OTR16T6M | 1SCA022613R4640 | 1.8 |
|--------|--------|---------------------------------|-----|-----|-----|----------|-----------------|-----|

##### Cable entries from bottom

| Max. motor output/<br>AC-23A |              | Cable openings/side | Enclosure dimensions |       |       | Type | Order number | Weight /unit<br>kg |
|------------------------------|--------------|---------------------|----------------------|-------|-------|------|--------------|--------------------|
|                              |              |                     | Height               | Width | Depth |      |              |                    |
| 415V<br>kW/A                 | 690V<br>kW/A |                     | mm                   | mm    | mm    |      |              |                    |

##### Selector handle

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|        |        |                |     |     |     |          |                 |     |
|--------|--------|----------------|-----|-----|-----|----------|-----------------|-----|
| 7,5/16 | 7,5/10 | Blank/B-flange | 200 | 150 | 100 | OTR16T6B | 1SCA022580R5820 | 1.8 |
|--------|--------|----------------|-----|-----|-----|----------|-----------------|-----|

##### Pistol handle

Auxiliary contacts included: 1NO • Auxiliary contacts max: 1NO+1NC

|       |       |                                 |     |     |     |          |                 |     |
|-------|-------|---------------------------------|-----|-----|-----|----------|-----------------|-----|
| 15/30 | 15/20 | 2xø32.5+ø16.5/<br>2xø32.5+ø16.5 | 250 | 165 | 110 | OTR25T6M | 1SCA022613R4720 | 2.5 |
| 15/30 | 15/20 | B-flange/B-flange               | 250 | 165 | 110 | OTR25T6B | 1SCA022580R8250 | 3.4 |
| 22/45 | 15/20 | 2xø32.5+ø16.5/<br>2xø32.5+ø16.5 | 250 | 165 | 110 | OTR36T6M | 1SCA022613R4810 | 2.5 |
| 22/45 | 15/20 | B-flange/B-flange               | 250 | 165 | 110 | OTR36T6B | 1SCA022580R8330 | 3.4 |
| 37/80 | 37/40 |                                 | 300 | 200 | 135 | OTR75T6B | 1SCA022580R9060 | 3.6 |
| 45/90 | 45/50 |                                 | 300 | 200 | 135 | OTR90T6B | 1SCA022580R9140 | 3.6 |

Compression glands or flanges to be ordered separately.

## Ordering information

### Stainless steel sheet enclosed safety switches



OTR16A3M



OTR25...36A3M



OTR63A3M



OTR80...125A3M



OTR16...63A3B



OT125GSUM3AZ

#### Safety switches, 3-pole, IP65, red-yellow handle

The delivery includes a red-yellow handle (I-O/ON-OFF), auxiliary contact 1NO and PE-terminal. Knock-out type cable openings included, cable outlets also for control cable. Cover interlock and defeatable interlock included.

##### Cable entries from top and bottom

| Max. motor output/<br>AC-23A |              | Cable openings/side | Enclosure dimensions |             |             | Type | Order number | Weight /unit<br>kg |
|------------------------------|--------------|---------------------|----------------------|-------------|-------------|------|--------------|--------------------|
| 415V<br>kW/A                 | 690V<br>kW/A |                     | Height<br>mm         | Width<br>mm | Depth<br>mm |      |              |                    |

##### Selector handle

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|        |        |                 |     |     |     |          |                 |     |
|--------|--------|-----------------|-----|-----|-----|----------|-----------------|-----|
| 7,5/16 | 7,5/10 | 2xø25.5/2xø25.5 | 200 | 150 | 100 | OTR16A3M | 1SCA022613R2860 | 1.7 |
|--------|--------|-----------------|-----|-----|-----|----------|-----------------|-----|

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+1NC

|       |       |                 |     |     |     |          |                 |     |
|-------|-------|-----------------|-----|-----|-----|----------|-----------------|-----|
| 15/30 | 15/20 | 2xø32.5+ø16.5 / | 200 | 150 | 100 | OTR25A3M | 1SCA022613R2940 | 1.9 |
| 22/45 | 15/20 | 2xø32.5+ø16.5   | 200 | 150 | 100 | OTR36A3M | 1SCA022613R3080 | 1.9 |

##### Pistol handle

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|          |          |                                  |     |     |     |           |                 |     |
|----------|----------|----------------------------------|-----|-----|-----|-----------|-----------------|-----|
| 30/63    | 30/35    | 2xø32.5+ø16.5 /<br>2xø32.5+ø16.5 | 250 | 165 | 110 | OTR63A3M  | 1SCA022613R3160 | 2.4 |
| 37/80    | 37/40    | B-flange/B-flange                | 300 | 200 | 135 | OTR75A3B  | 1SCA022567R8960 | 3.3 |
| 37 / 80  | 37 / 60  | 2xø50.5+ø16.5 /<br>2xø50.5+ø16.5 | 300 | 200 | 135 | OTR80A3M  | 1SCA161466R1001 | 3.3 |
| 45/90    | 45/50    | B-flange/B-flange                | 300 | 200 | 135 | OTR90A3B  | 1SCA022567R9180 | 3.3 |
| 45 / 90  | 45 / 70  | 2xø50.5+ø16.5 /                  | 300 | 200 | 135 | OTR90A3M  | 1SCA161468R1001 | 3.3 |
| 55 / 125 | 75 / 125 | 2xø50.5+ø16.5                    | 300 | 200 | 135 | OTR125A3M | 1SCA161470R1001 | 3.4 |

##### Cable entries from bottom

| Max. motor output/<br>AC-23A |              | Cable openings/side | Enclosure dimensions |             |             | Type | Order number | Weight /unit<br>kg |
|------------------------------|--------------|---------------------|----------------------|-------------|-------------|------|--------------|--------------------|
| 415V<br>kW/A                 | 690V<br>kW/A |                     | Height<br>mm         | Width<br>mm | Depth<br>mm |      |              |                    |

##### Selector handle

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|        |        |                |     |     |     |          |                 |     |
|--------|--------|----------------|-----|-----|-----|----------|-----------------|-----|
| 7,5/16 | 7,5/10 | Blank/B-flange | 200 | 150 | 100 | OTR16A3B | 1SCA022575R7410 | 1.7 |
|--------|--------|----------------|-----|-----|-----|----------|-----------------|-----|

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|          |          |                       |     |     |     |              |                 |      |
|----------|----------|-----------------------|-----|-----|-----|--------------|-----------------|------|
| 15/30    | 15/20    | Blank/B-flange        | 200 | 150 | 100 | OTR25A3B     | 1SCA022575R7590 | 1.9  |
| 22/45    | 15/20    |                       | 200 | 150 | 100 | OTR36A3B     | 1SCA022575R7670 | 1.9  |
| 30/63    | 30/35    |                       | 200 | 150 | 100 | OTR63A3B     | 1SCA022575R7750 | 2    |
| 55 / 125 | 75 / 125 | Blank / 2xø50.5+ø20.5 | 400 | 400 | 230 | OT125GSUM3AZ | 1SCA161472R1001 | 14.8 |

Compression glands or flanges to be ordered separately.



## Ordering information

### Stainless steel sheet enclosed safety switches

#### Safety switches, 4-pole, IP65, red-yellow handle

The delivery includes a red-yellow handle (I-O/ON-OFF), auxiliary contact 1NO and PE-terminal. Knock-out type cable openings included, cable outlets also for control cable. Cover interlock and defeatable interlock included.



OTR16A4M



OTR25...36A4M



OTR63A4M



OT16...63A4B

#### Cable entries from top and bottom

| Max. motor output/<br>AC-23A |      | Cable<br>openings/side | Enclosure<br>dimensions |       |       | Type | Order number | Weight<br>/unit<br><br>kg |
|------------------------------|------|------------------------|-------------------------|-------|-------|------|--------------|---------------------------|
| 415V                         | 690V |                        | Height                  | Width | Depth |      |              |                           |
| kW/A                         | kW/A |                        | mm                      | mm    | mm    |      |              |                           |

#### Selector handle

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|        |        |                 |     |     |     |          |                 |     |
|--------|--------|-----------------|-----|-----|-----|----------|-----------------|-----|
| 7,5/16 | 7,5/10 | 2xø25.5/2xø25.5 | 200 | 150 | 100 | OTR16A4M | 1SCA022613R3240 | 1.8 |
|--------|--------|-----------------|-----|-----|-----|----------|-----------------|-----|

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+1NC

|       |       |                |     |     |     |          |                 |   |
|-------|-------|----------------|-----|-----|-----|----------|-----------------|---|
| 15/30 | 15/20 | 2xø32.5+ø16.5/ | 200 | 150 | 100 | OTR25A4M | 1SCA022613R3320 | 2 |
| 22/45 | 15/20 | 2xø32.5+ø16.5  | 200 | 150 | 100 | OTR36A4M | 1SCA022613R3410 | 2 |

#### Pistol handle

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|       |       |                   |     |     |     |          |                 |     |
|-------|-------|-------------------|-----|-----|-----|----------|-----------------|-----|
| 30/63 | 30/35 | 2xø32.5+ø16.5/    | 250 | 165 | 110 | OTR63A4M | 1SCA022613R3590 | 2.5 |
|       |       | 2xø32.5+ø16.5     |     |     |     |          |                 |     |
| 37/80 | 37/40 | B-flange/B-flange | 300 | 200 | 135 | OTR75A4B | 1SCA022567R9000 | 3.4 |
| 45/90 | 45/50 |                   | 300 | 200 | 135 | OTR90A4B | 1SCA022567R9260 | 3.4 |

#### Cable entries from bottom

| Max. motor output/<br>AC-23A |      | Cable<br>openings/side | Enclosure<br>dimensions |       |       | Type | Order number | Weight<br>/unit<br>kg |
|------------------------------|------|------------------------|-------------------------|-------|-------|------|--------------|-----------------------|
| 415V                         | 690V |                        | Height                  | Width | Depth |      |              |                       |
| kW/A                         | kW/A |                        | mm                      | mm    | mm    |      |              |                       |

#### Selector handle

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|        |        |                |     |     |     |          |                 |     |
|--------|--------|----------------|-----|-----|-----|----------|-----------------|-----|
| 7,5/16 | 7,5/10 | Blank/B-flange | 200 | 150 | 100 | OTR16A4B | 1SCA022745R7780 | 1.8 |
|--------|--------|----------------|-----|-----|-----|----------|-----------------|-----|

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+1NC

|       |       |                |     |     |     |          |                 |   |
|-------|-------|----------------|-----|-----|-----|----------|-----------------|---|
| 15/30 | 15/20 | Blank/B-flange | 200 | 150 | 100 | OTR25A4B | 1SCA022745R7860 | 2 |
| 22/45 | 15/20 |                | 200 | 150 | 100 | OTR36A4B | 1SCA022745R7940 | 2 |

Auxiliary contacts included: 1NO • Auxiliary contacts max: 1NO+1NC

|       |       |                |     |     |     |          |                 |     |
|-------|-------|----------------|-----|-----|-----|----------|-----------------|-----|
| 30/63 | 30/35 | Blank/B-flange | 200 | 150 | 100 | OTR63A4B | 1SCA022745R8080 | 2.1 |
|-------|-------|----------------|-----|-----|-----|----------|-----------------|-----|

Compression glands or flanges to be ordered separately.

## Ordering information

### Stainless steel sheet enclosed safety switches



OTR16A6M



OTR25...36A6M



OTR25...36A6B



OTR75...90A6B



OTR16A6B

#### Safety switches, 6-pole, IP65, red-yellow handle

The delivery includes a red-yellow handle (I-O/ON-OFF), auxiliary contact 1NO and PE-terminal. Knock-out type cable openings included, cable outlets also for control cable. Equipped with hinges and lock. Cover interlock and defeatable interlock included.

##### Cable entries from top and bottom

| Max. motor output/<br>AC-23A |              | Cable openings/side | Enclosure dimensions |             |             | Type | Order number | Weight /unit<br>kg |
|------------------------------|--------------|---------------------|----------------------|-------------|-------------|------|--------------|--------------------|
|                              |              |                     | Height<br>mm         | Width<br>mm | Depth<br>mm |      |              |                    |
| 415V<br>kW/A                 | 690V<br>kW/A |                     |                      |             |             |      |              |                    |

##### Selector handle

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|        |        |                 |     |     |     |          |                 |     |
|--------|--------|-----------------|-----|-----|-----|----------|-----------------|-----|
| 7,5/16 | 7,5/10 | 2xø25.5/2xø25.5 | 200 | 150 | 100 | OTR16A6M | 1SCA022613R3670 | 1.8 |
|--------|--------|-----------------|-----|-----|-----|----------|-----------------|-----|

##### Pistol handle

Auxiliary contacts included: 1NO • Auxiliary contacts max: 1NO+1NC

|       |       |                                 |     |     |     |          |                 |     |
|-------|-------|---------------------------------|-----|-----|-----|----------|-----------------|-----|
| 15/30 | 15/20 | 2xø32.5+ø16.5/<br>2xø32.5+ø16.5 | 250 | 165 | 110 | OTR25A6M | 1SCA022613R3750 | 2.5 |
| 15/30 | 15/20 | B-flange/B-flange               | 250 | 165 | 110 | OTR25A6B | 1SCA022745R7510 | 3.4 |
| 22/45 | 15/20 | 2xø32.5+ø16.5/<br>2xø32.5+ø16.5 | 250 | 165 | 110 | OTR36A6M | 1SCA022613R3830 | 2.5 |
| 22/45 | 15/20 | B-flange/B-flange               | 250 | 165 | 110 | OTR36A6B | 1SCA022745R7600 | 3.4 |

Auxiliary contacts included: 1NO • Auxiliary contacts max: 1NO

|       |       |                   |     |     |     |          |                 |     |
|-------|-------|-------------------|-----|-----|-----|----------|-----------------|-----|
| 37/80 | 37/40 | B-flange/B-flange | 300 | 200 | 135 | OTR75A6B | 1SCA022596R7210 | 3.6 |
| 45/90 | 45/50 | B-flange/B-flange | 300 | 200 | 135 | OTR90A6B | 1SCA022596R7300 | 3.6 |

##### Cable entries from bottom

| Max. motor output/<br>AC-23A |              | Cable openings/side | Enclosure dimensions |             |             | Type | Order number | Weight /unit<br>kg |
|------------------------------|--------------|---------------------|----------------------|-------------|-------------|------|--------------|--------------------|
|                              |              |                     | Height<br>mm         | Width<br>mm | Depth<br>mm |      |              |                    |
| 415V<br>kW/A                 | 690V<br>kW/A |                     |                      |             |             |      |              |                    |

##### Selector handle

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|        |        |                |     |     |     |          |                 |     |
|--------|--------|----------------|-----|-----|-----|----------|-----------------|-----|
| 7,5/16 | 7,5/10 | Blank/B-flange | 200 | 150 | 100 | OTR16A6B | 1SCA022745R8160 | 1.8 |
|--------|--------|----------------|-----|-----|-----|----------|-----------------|-----|

Compression glands or flanges to be ordered separately.

## Ordering information

### Acid-proof enclosed safety switches

#### Safety switches, 3-pole, IP65, stainless steel handle

The delivery includes a stainless steel handle (I-O/ON-OFF), auxiliary contacts according to the table below and PE-terminal. Knock-out type cable entry for control cable (25 mm) and open type cable entries for main cables. Equipped with hinges and lock. Auxiliary contacts are wired to the terminal blocks in sizes 200A...800A. Cover interlock and defeatable interlock included. Cable flanges (KOT61007 or KOT62296 (for EMC)) and flange covers (KOT61008) to be ordered separately.



OT160EVRRR3TZ,  
OT200...315ERR3TZ



OT400ERRR3TZ



OT630...800ERRR3TZ



OT250...400ESUR3TZ



OT1000...1250ESUR3TZ

#### Cable entries from top and bottom

| Max. motor output/<br>AC-23A |              | Cable<br>openings/side | Enclosure<br>dimensions |             |             | Cover<br>flanges<br>included<br>[pcs] | Type | Order number | Weight<br>/unit<br>kg |
|------------------------------|--------------|------------------------|-------------------------|-------------|-------------|---------------------------------------|------|--------------|-----------------------|
| 415V<br>kW/A                 | 690V<br>kW/A |                        | Height<br>mm            | Width<br>mm | Depth<br>mm |                                       |      |              |                       |

#### Selector handle

Auxiliary contacts included: 2NO+1NC • Auxiliary contacts max: 2NO+1NC

|          |           |                                             |      |     |     |   |               |                 |    |
|----------|-----------|---------------------------------------------|------|-----|-----|---|---------------|-----------------|----|
| 80/160   | 144/160   | 4xring-flange+ø25mm/<br>4xring-flange+ø25mm | 600  | 400 | 230 | 0 | OT160EVRRR3TZ | 1SCA125630R1001 | 25 |
| 110/200  | 160/200   |                                             | 600  | 400 | 230 | 0 | OT200ERRR3TZ  | 1SCA101252R1001 | 25 |
| 110/200  | 200/250   |                                             | 600  | 400 | 230 | 0 | OT250ERRR3TZ  | 1SCA102364R1001 | 25 |
| 160/315  | 250/315   |                                             | 600  | 400 | 230 | 0 | OT315ERRR3TZ  | 1SCA102332R1001 | 25 |
| 220/400  | 355/400   |                                             | 800  | 400 | 230 | 0 | OT400ERRR3TZ  | 1SCA102318R1001 | 32 |
| 315/570  | 560/570   | 8xring-flange+ø25.5/<br>8xring-flange+ø25.5 | 1000 | 400 | 230 | 0 | OT630ERRR3TZ  | 1SCA102321R1001 | 36 |
| 400/720  | 710/720   |                                             | 1000 | 400 | 230 | 0 | OT800ERRR3TZ  | 1SCA102333R1001 | 36 |
| 560/1000 | 1000/1000 |                                             | 1200 | 800 | 330 | 0 | OT1000ERRR3TZ | 1SCA103329R1001 | 70 |
| 710/1250 | 1200/1250 |                                             | 1200 | 800 | 330 | 0 | OT1250ERRR3TZ | 1SCA103351R1001 | 70 |
|          |           |                                             |      |     |     |   |               |                 |    |

#### Cable entries from bottom

| Max. motor output/<br>AC-23A |              | Cable<br>openings/side | Enclosure<br>dimensions |             |             | Cover<br>flanges<br>included<br>[pcs] | Type | Order number | Weight<br>/unit<br>kg |
|------------------------------|--------------|------------------------|-------------------------|-------------|-------------|---------------------------------------|------|--------------|-----------------------|
| 415V<br>kW/A                 | 690V<br>kW/A |                        | Height<br>mm            | Width<br>mm | Depth<br>mm |                                       |      |              |                       |

#### Pistol handle

Flange covers mounted on top

Knock-outs: 25.5mm

Auxiliary contacts included: 2NO+1NC • Auxiliary contacts max: 2NO+1NC

|          |           |                               |      |     |     |   |               |                 |    |
|----------|-----------|-------------------------------|------|-----|-----|---|---------------|-----------------|----|
| 80/160   | 144/160   | Blank/<br>4xring-flange+ø25.5 | 600  | 400 | 230 | 0 | OT160ESUR3TZ  | 1SCA125726R1001 | 28 |
| 110/200  | 160/200   |                               | 600  | 400 | 230 | 0 | OT200ESUR3TZ  | 1SCA102325R1001 | 28 |
| 132/200  | 200/250   |                               | 800  | 400 | 230 | 0 | OT250ESUR3TZ  | 1SCA102320R1001 | 33 |
| 160/315  | 250/315   |                               | 800  | 400 | 230 | 0 | OT315ESUR3TZ  | 1SCA102317R1001 | 34 |
| 220/400  | 355/400   |                               | 800  | 400 | 230 | 0 | OT400ESUR3TZ  | 1SCA102323R1001 | 34 |
| 315/570  | 560/570   | Blank/<br>8xring-flange+ø25.5 | 1000 | 800 | 330 | 0 | OT630ESUR3TZ  | 1SCA102336R1001 | 56 |
| 400/720  | 710/720   |                               | 1000 | 800 | 330 | 0 | OT800ESUR3TZ  | 1SCA102324R1001 | 56 |
| 560/1000 | 1000/1000 |                               | 1200 | 800 | 330 | 0 | OT1000ESUR3TZ | 1SCA104434R1001 | 78 |
| 710/1250 | 1200/1250 |                               | 1200 | 800 | 330 | 0 | OT1250ESUR3TZ | 1SCA104440R1001 | 78 |
|          |           |                               |      |     |     |   |               |                 |    |

Compression glands or flanges to be ordered separately.

## Ordering information

### Acid-proof enclosed safety switches

#### Safety switches, 6-pole, IP65, stainless steel handle

The delivery includes a stainless steel pistol handle (I-O/ON-OFF), auxiliary contacts according to the table below and PE-terminal. Knock-out type cable entry for control cable (25 mm) and open type cable entries for main cables. Equipped with hinges and lock. Auxiliary contacts are wired to the terminal blocks in sizes 200A...800A. Cover interlock and defeatable interlock included. Cable flanges (KOT61007 or KOT62296 (for EMC)) and flange covers (KOT61008) to be ordered separately.



OT160EVRRR6TZ,  
OT200...400ERRR6TZ

#### Cable entries from top and bottom

| Cable entries from top and bottom                                      |         |                                             |                         |       |       |                                       |               |                 |                       |
|------------------------------------------------------------------------|---------|---------------------------------------------|-------------------------|-------|-------|---------------------------------------|---------------|-----------------|-----------------------|
| Max. motor output/<br>AC-23A                                           |         | Cable<br>openings/side                      | Enclosure<br>dimensions |       |       | Cover<br>flanges<br>included<br>[pcs] | Type          | Order number    | Weight<br>/unit<br>kg |
| 415V                                                                   | 690V    |                                             | Height                  | Width | Depth |                                       |               |                 |                       |
| kW/A                                                                   | kW/A    |                                             | mm                      | mm    | mm    |                                       |               |                 |                       |
| Auxiliary contacts included: 4NO+2NC • Auxiliary contacts max: 4NO+2NC |         |                                             |                         |       |       |                                       |               |                 |                       |
| 80/160                                                                 | 144/160 | 8xring-flange+ø25.5/<br>8xring-flange+ø25.5 | 800                     | 800   | 230   | 0                                     | OT160EVRRR6TZ | 1SCA125725R1001 | 41                    |
| 110/200                                                                | 160/200 |                                             | 800                     | 800   | 230   | 0                                     | OT200ERRR6TZ  | 1SCA102316R1001 | 41                    |
| 132/200                                                                | 200/250 |                                             | 800                     | 800   | 230   | 0                                     | OT250ERRR6TZ  | 1SCA102365R1001 | 46                    |
| 160/315                                                                | 250/315 |                                             | 800                     | 800   | 230   | 0                                     | OT315ERRR6TZ  | 1SCA102327R1001 | 46                    |
| 220/400                                                                | 355/400 |                                             | 800                     | 800   | 230   | 0                                     | OT400ERRR6TZ  | 1SCA102329R1001 | 50                    |
| 315/570                                                                | 560/570 |                                             | 1000                    | 800   | 230   | 0                                     | OT630ERRR6TZ  | 1SCA102326R1001 | 59                    |
| 400/720                                                                | 710/720 |                                             | 1000                    | 800   | 230   | 0                                     | OT800ERRR6TZ  | 1SCA102334R1001 | 59                    |

#### Cable entries from bottom

| Cable entries from bottom                                                                                                    |         |                               |                         |       |       |                                       |               |                 |                       |
|------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------|-------------------------|-------|-------|---------------------------------------|---------------|-----------------|-----------------------|
| Max. motor output/<br>AC-23A                                                                                                 |         | Cable<br>openings/side        | Enclosure<br>dimensions |       |       | Cover<br>flanges<br>included<br>[pcs] | Type          | Order number    | Weight<br>/unit<br>kg |
| 415V                                                                                                                         | 690V    |                               | Height                  | Width | Depth |                                       |               |                 |                       |
| kW/A                                                                                                                         | kW/A    |                               | mm                      | mm    | mm    |                                       |               |                 |                       |
| Flange covers mounted on top<br>Knock-outs: 25.5mm<br>Auxiliary contacts included: 4NO+2NC • Auxiliary contacts max: 4NO+2NC |         |                               |                         |       |       |                                       |               |                 |                       |
| 80/160                                                                                                                       | 144/160 | Blank/<br>8xring-flange+ø25.5 | 800                     | 800   | 230   | 0                                     | OT160EVSUR6TZ | 1SCA125650R1001 | 43                    |
| 110/200                                                                                                                      | 160/200 |                               | 800                     | 800   | 230   | 0                                     | OT200ESUR6TZ  | 1SCA102319R1001 | 43                    |
| 132/200                                                                                                                      | 200/250 |                               | 800                     | 800   | 230   | 0                                     | OT250ESUR6TZ  | 1SCA102370R1001 | 51                    |
| 160/315                                                                                                                      | 250/315 |                               | 800                     | 800   | 230   | 0                                     | OT315ESUR6TZ  | 1SCA102330R1001 | 51                    |
| 220/400                                                                                                                      | 355/400 |                               | 800                     | 800   | 230   | 0                                     | OT400ESUR6TZ  | 1SCA102335R1001 | 54                    |
| 315/570                                                                                                                      | 560/570 |                               | 1000                    | 800   | 330   | 0                                     | OT630ESUR6TZ  | 1SCA102322R1001 | 60                    |

Compression glands or flanges to be ordered separately.

## Ordering information

### Aluminium enclosed safety switches



OTA16...63S3G



OTA16...63S3Y



LBAS345...390TPN

#### Front operated safety switches, 3-pole, IP65

The delivery includes a selector handle and PE terminal. 1NO auxiliary contact, cable entries with metric threaded holes with three compression type glands (IP65). Padlockable handle with cover interlock function. Cover interlock included. OTA\_ products are EMC compatible when EMC cable glands are used

##### Cable entries from top and bottom

| Max. motor output/<br>AC-23A |              | Cable<br>openings/side | Enclosure<br>dimensions |       |       | Type | Order number | Weight<br>/unit<br>kg |
|------------------------------|--------------|------------------------|-------------------------|-------|-------|------|--------------|-----------------------|
|                              |              |                        | Height                  | Width | Depth |      |              |                       |
| 415V<br>kW/A                 | 690V<br>kW/A |                        | mm                      | mm    | mm    |      |              |                       |

##### Grey enclosure, black selector handle

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|        |         |           |     |     |     |          |                 |      |
|--------|---------|-----------|-----|-----|-----|----------|-----------------|------|
| 7,5/16 | 7,5/10  | 2xM25+M20 | 165 | 130 | 103 | OTA16S3G | 1SCA142663R1001 | 1.25 |
| 15/30  | 15/20   | 2xM32+M20 | 165 | 130 | 103 | OTA25S3G | 1SCA142671R1001 | 1.45 |
| 22/45  | 15/20   |           | 165 | 130 | 103 | OTA40S3G | 1SCA142675R1001 | 1.45 |
| 30/63  | 18.5/20 |           | 165 | 130 | 103 | OTA63S3G | 1SCA142679R1001 | 1.45 |

##### Yellow enclosure, red selector handle

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|        |         |           |     |     |     |          |                 |      |
|--------|---------|-----------|-----|-----|-----|----------|-----------------|------|
| 7,5/16 | 7,5/10  | 2xM25+M20 | 165 | 130 | 103 | OTA16S3Y | 1SCA142664R1001 | 1.25 |
| 15/30  | 15/20   | 2xM32+M20 | 165 | 130 | 103 | OTA25S3Y | 1SCA142672R1001 | 1.45 |
| 22/45  | 15/20   |           | 165 | 130 | 103 | OTA40S3Y | 1SCA142676R1001 | 1.45 |
| 30/63  | 18.5/20 |           | 165 | 130 | 103 | OTA63S3Y | 1SCA142680R1001 | 1.45 |

##### Black selector handle, padlockable handle with cover interlock function

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

Membrane type cable gland and fixed neutral included.

|       |         |                 |     |     |     |            |                 |      |
|-------|---------|-----------------|-----|-----|-----|------------|-----------------|------|
| 25/63 | 15/20   | 2xM40/2xM40+M16 | 230 | 160 | 118 | LBAS345TPN | 2CMA142627R1000 | 1.75 |
| 37/75 | 18.5/20 |                 | 230 | 160 | 118 | LBAS375TPN | 2CMA142628R1000 | 1.75 |
| 45/90 | 45/50   |                 | 230 | 160 | 118 | LBAS390TPN | 2CMA142629R1000 | 1.75 |

Compression glands or flanges to be ordered separately.



## Ordering information

### Aluminium enclosed safety switches

#### Front operated safety switches, 3-pole, IP65

Safety switch including N- and PE-terminals. Two (125-160) or four (200-600) cable glands included. Padlockable black color pistol type handle with interlock and defeatable interlocking function. 1NO and 1NC auxiliary contacts included in 125A and 160A switches. 2NO and 2NC auxiliary contacts included in 200A to 600A switches. These products are EMC compatible with existing cable glands.



OTA125...160P3B



OTA200...400P3B



OTA600P3B

#### Cable entries from bottom

| Max. motor output/<br>AC-23A |              | Cable<br>openings/side | Enclosure<br>dimensions |             |             | Type | Order number | Weight<br>/unit<br>kg |
|------------------------------|--------------|------------------------|-------------------------|-------------|-------------|------|--------------|-----------------------|
| 415V<br>kW/A                 | 690V<br>kW/A |                        | Height<br>mm            | Width<br>mm | Depth<br>mm |      |              |                       |

#### Black pistol handle, grey enclosure

Auxiliary contacts included: 1NO+1NC • Auxiliary contacts max: 2NO+2NC

|        |       |                 |     |     |     |           |                 |      |
|--------|-------|-----------------|-----|-----|-----|-----------|-----------------|------|
| 55/125 | 55/70 | 2x24...48+2xM20 | 620 | 425 | 210 | OTA125P3Y | 1SCA142583R1001 | 20.2 |
| 75/135 | 75/80 |                 | 620 | 425 | 210 | OTA160P3B | 1SCA142585R1001 | 20.2 |

Auxiliary contacts included: 2NO • Auxiliary contacts max: 2NO+2NC

|         |         |                       |     |     |     |           |                 |      |
|---------|---------|-----------------------|-----|-----|-----|-----------|-----------------|------|
| 110/200 | 160/200 | Blank/4x28...68+2xM20 | 730 | 485 | 215 | OTA200P3B | 1SCA142587R1001 | 29.3 |
| 132/250 | 200/250 |                       | 730 | 485 | 215 | OTA250P3B | 1SCA142589R1001 | 29.3 |
| 160/315 | 250/315 |                       | 730 | 485 | 215 | OTA315P3B | 1SCA142591R1001 | 29.3 |
| 220/400 | 355/400 |                       | 730 | 485 | 215 | OTA400P3B | 1SCA142593R1001 | 29.3 |
| 315/540 | 560/551 |                       | 975 | 585 | 270 | OTA600P3B | 1SCA144287R1001 | 36.3 |

#### Cable entries from bottom

| Max. motor output/<br>AC-23A |              | Cable<br>openings/side | Enclosure<br>dimensions |             |             | Type | Order number | Weight<br>/unit<br>kg |
|------------------------------|--------------|------------------------|-------------------------|-------------|-------------|------|--------------|-----------------------|
| 415V<br>kW/A                 | 690V<br>kW/A |                        | Height<br>mm            | Width<br>mm | Depth<br>mm |      |              |                       |

#### Red-yellow pistol handle, grey enclosure

Auxiliary contacts included: 1NO+1NC • Auxiliary contacts max: 2NO+2NC

|        |       |                 |     |     |     |           |                 |      |
|--------|-------|-----------------|-----|-----|-----|-----------|-----------------|------|
| 55/125 | 70/70 | 2x24...48+2xM20 | 620 | 425 | 210 | OTA125P3Y | 1SCA142584R1001 | 20.2 |
| 75/135 | 75/80 |                 | 620 | 425 | 210 | OTA160P3Y | 1SCA142586R1001 | 20.2 |

Auxiliary contacts included: 2NO+2NC • Auxiliary contacts max: 2NO+2NC

|         |         |                       |     |     |     |           |                 |      |
|---------|---------|-----------------------|-----|-----|-----|-----------|-----------------|------|
| 110/200 | 160/200 | Blank/4x28...68+2xM20 | 730 | 485 | 215 | OTA200P3Y | 1SCA142588R1001 | 29.3 |
| 132/250 | 200/250 |                       | 730 | 485 | 215 | OTA250P3Y | 1SCA142590R1001 | 29.3 |
| 160/315 | 250/315 |                       | 730 | 485 | 215 | OTA315P3Y | 1SCA142592R1001 | 29.3 |
| 220/400 | 355/400 |                       | 730 | 485 | 215 | OTA400P3Y | 1SCA142594R1001 | 29.3 |
| 315/540 | 560/551 |                       | 975 | 585 | 270 | OTA600P3Y | 1SCA144288R1001 | 36.3 |

Compression glands or flanges to be ordered separately.



OTA125...160P3Y



OTA200...400P3Y



OTA600P3Y

## Ordering information

### Aluminium enclosed safety switches

#### Front operated safety switches, 4-pole, IP65

The delivery includes: Selector handle and PE terminal. 1NO auxiliary contact, cable entries with metric threaded holes with three compression type glands (IP65). Padlockable handle with cover interlock function.

##### Cable entries from top and bottom

| Max. motor output/<br>AC-23A |              | Cable<br>openings/side | Enclosure<br>dimensions |             |             | Type | Order number | Weight<br>/unit<br>kg |
|------------------------------|--------------|------------------------|-------------------------|-------------|-------------|------|--------------|-----------------------|
| 415V<br>kW/A                 | 690V<br>kW/A |                        | Height<br>mm            | Width<br>mm | Depth<br>mm |      |              |                       |



OTA16...63S4G

##### Black selector handle, grey enclosure

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|        |         |           |     |     |     |          |                 |      |
|--------|---------|-----------|-----|-----|-----|----------|-----------------|------|
| 7.5/16 | 7.5/10  | 2xM25+M20 | 165 | 130 | 103 | OTA16S4G | 1SCA142666R1001 | 1.25 |
| 15/30  | 15/20   | 2xM32+M20 | 165 | 130 | 103 | OTA25S4G | 1SCA142673R1001 | 1.45 |
| 22/45  | 15/20   |           | 165 | 130 | 103 | OTA40S4G | 1SCA142677R1001 | 1.45 |
| 30/63  | 18.5/20 |           | 165 | 130 | 103 | OTA63S4G | 1SCA142681R1001 | 1.45 |



LBAS445...490TPSN

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

Membrane type cable gland.

|       |         |                 |     |     |     |             |                 |      |
|-------|---------|-----------------|-----|-----|-----|-------------|-----------------|------|
| 25/63 | 15/20   | 2xM40/2xM40+M16 | 230 | 160 | 118 | LBAS445TPSN | 2CMA142630R1000 | 1    |
| 37/75 | 18.5/20 |                 | 230 | 160 | 118 | LBAS475TPSN | 2CMA142631R1000 | 1.75 |
| 45/90 | 45/50   |                 | 230 | 160 | 118 | LBAS490TPSN | 2CMA142632R1000 | 1.75 |

##### Red selector handle, yellow enclosure

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|        |         |           |     |     |     |          |                 |      |
|--------|---------|-----------|-----|-----|-----|----------|-----------------|------|
| 7.5/16 | 7.5/10  | 2xM25+M20 | 165 | 130 | 103 | OTA16S4Y | 1SCA142670R1001 | 1.25 |
| 15/30  | 15/20   | 2xM32+M20 | 165 | 130 | 103 | OTA25S4Y | 1SCA142674R1001 | 1.45 |
| 22/45  | 15/20   |           | 165 | 130 | 103 | OTA40S4Y | 1SCA142678R1001 | 1.45 |
| 30/63  | 18.5/20 |           | 165 | 130 | 103 | OTA63S4Y | 1SCA142682R1001 | 1.45 |



OTA16...63S4Y

## Ordering information

### Aluminium enclosed safety switches



LBAS316, LBAS416



LBAS325, LBAS425

#### Side operated safety switches, 3-pole, IP54

The delivery includes: enclosure in aluminum and handle in dark grey plastic, neutral and PE terminal, 1NO auxiliary contact, cable entries with metric threaded holes with membrane glands/sealing plugs IP54 (see table page 16). Padlockable handle with cover interlock function.

##### Cable entries from top and bottom

| Max. motor output/ AC-23A |           | Cable openings/side | Enclosure dimensions |          |          | Type | Order number | Weight /unit kg |
|---------------------------|-----------|---------------------|----------------------|----------|----------|------|--------------|-----------------|
| 415V kW/A                 | 690V kW/A |                     | Height mm            | Width mm | Depth mm |      |              |                 |

##### Dark grey side-operated handle, dark grey cover

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO

|        |        |                 |     |     |    |            |                 |      |
|--------|--------|-----------------|-----|-----|----|------------|-----------------|------|
| 7.5/16 | 7.5/10 | 2xM25/2xM25     | 130 | 111 | 60 | LBAS316TPN | 2CMA142430R1000 | 0.57 |
| 11/25  | 11/16  | 2xM32/2xM32+M16 | 168 | 138 | 68 | LBAS325TPN | 2CMA142432R1000 | 0.8  |

#### Side operated safety switches, 4-pole, IP54

The delivery includes: enclosure in aluminum and handle in dark grey plastic, neutral and PE terminal, 1NO auxiliary contact, cable entries with metric threaded holes with membrane glands/sealing plugs IP54 (see table page 16). Padlockable handle with cover interlock function.

##### Cable entries from top and bottom

| Max. motor output/ AC-23A |           | Cable openings/side | Enclosure dimensions |          |          | Type | Order number | Weight /unit kg |
|---------------------------|-----------|---------------------|----------------------|----------|----------|------|--------------|-----------------|
| 415V kW/A                 | 690V kW/A |                     | Height mm            | Width mm | Depth mm |      |              |                 |

##### Dark grey side-operated handle, dark grey cover

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO

|        |        |                 |     |     |    |             |                 |      |
|--------|--------|-----------------|-----|-----|----|-------------|-----------------|------|
| 7.5/16 | 7.5/10 | 2xM25/2xM25     | 130 | 111 | 60 | LBAS416TPSN | 2CMA142431R1000 | 0.57 |
| 11/25  | 11/16  | 2xM32/2xM32+M16 | 168 | 138 | 68 | LBAS425TPSN | 2CMA142433R1000 | 0.81 |

Compression glands or flanges to be ordered separately.

#### Side operated safety switches, 3-pole, EMC, IP54

The delivery includes a red handle (I-O/ON-OFF), PE-terminal, threaded cable entries, EMC glands and auxiliary contacts. Grey enclosure. Handle padlockable in Off position, with knock outs for On position. The cover is interlocked. One NO auxiliary contact and safety switch sticker included.

##### Cable entries from top and bottom

| Max. motor output/AC-23A |              | Cable openings / side | Enclosure dimensions |          |          | Type | Order number | Weight /unit kg |
|--------------------------|--------------|-----------------------|----------------------|----------|----------|------|--------------|-----------------|
| <415V kW/A               | <690V kW / A |                       | Height mm            | Width mm | Depth mm |      |              |                 |

**3 pole**

|          |          |                   |     |     |    |              |                 |     |
|----------|----------|-------------------|-----|-----|----|--------------|-----------------|-----|
| 7.5 / 16 | 7.5 / 10 | 2xM25 / 2xM25     | 130 | 111 | 60 | LBAS316E/TPN | 2CMA142449R1000 | 0.6 |
| 11 / 25  | 11 / 16  | 2xM32 / 2xM32+M16 | 168 | 138 | 68 | LBAS325E/TPN | 2CMA142450R1000 | 0.8 |

## Ordering information

### ATEX enclosed safety switches

#### ATEX enclosed safety switches, 3, 4 and 6-pole, IP65, black handle

The delivery includes a black handle (I-O/ON-OFF), PE-terminal, threaded cable entries, cable glands for two cables and one control cable, cable entry plugs, and auxiliary contacts according to the table below. Enclosure in rigid dye casted aluminium. Safety switch sticker included.

The products are all EMC approved. EMC glands to be ordered separately.



OTA16...40S3BX  
OTA16...40S4BX



OTA63...125S3BX  
OTA63...125S4BX  
OT16...40S6BX

#### Cable entries from top and bottom

| Max. motor output<br>AC-23A |        | Cable outlets / side | Dimensions |       |       | Type | Order code | Weight (1 pce)<br>kg |
|-----------------------------|--------|----------------------|------------|-------|-------|------|------------|----------------------|
| 415 V                       | 690 V  |                      | Height     | Width | Depth |      |            |                      |
| kW / A                      | kW / A |                      | mm         | mm    | mm    |      |            |                      |

#### 3-pole

Auxiliary contacts included: 1NO0NC. Auxiliary contacts max: 2NO2NC.

|          |           |                       |     |     |     |            |                 |     |
|----------|-----------|-----------------------|-----|-----|-----|------------|-----------------|-----|
| 7.5 / 16 | 7.5 / 10  | 2xM25+M20 / 2xM25+M20 | 165 | 130 | 103 | OTA16S3BX  | 1SCA152716R1001 | 1.3 |
| 9 / 20   | 9 / 11    |                       | 165 | 130 | 103 | OTA25S3BX  | 1SCA152722R1001 | 1.3 |
| 11 / 23  | 11 / 12   | 2xM32+M20 / 2xM32+M20 | 165 | 130 | 103 | OTA40S3BX  | 1SCA152728R1001 | 1.3 |
| 22 / 63  | 15 / 20   | 2xM40 / 2xM40+M16     | 230 | 160 | 118 | OTA63S3BX  | 1SCA152734R1001 | 1.8 |
| 37 / 75  | 18.5 / 20 |                       | 230 | 160 | 118 | OTA80S3BX  | 1SCA152738R1001 | 1.8 |
| 37 / 75  | 37 / 40   |                       | 230 | 160 | 118 | OTA100S3BX | 1SCA152697R1001 | 1.8 |
| 45 / 90  | 45 / 50   |                       | 230 | 160 | 118 | OTA125S3BX | 1SCA152712R1001 | 1.8 |

#### 4-pole

Auxiliary contacts included: 1NO0NC. Auxiliary contacts max: 2NO2NC.

|          |           |                       |     |     |     |            |                 |     |
|----------|-----------|-----------------------|-----|-----|-----|------------|-----------------|-----|
| 7.5 / 16 | 7.5 / 10  | 2xM25+M20 / 2xM25+M20 | 165 | 130 | 103 | OTA16S4BX  | 1SCA152718R1001 | 1.3 |
| 9 / 20   | 9 / 11    |                       | 165 | 130 | 103 | OTA25S4BX  | 1SCA152724R1001 | 1.3 |
| 11 / 23  | 11 / 12   | 2xM32+M20 / 2xM32+M20 | 165 | 130 | 103 | OTA40S4BX  | 1SCA152730R1001 | 1.3 |
| 22 / 63  | 15 / 20   | 2xM40 / 2xM40+M16     | 230 | 160 | 118 | OTA63S4BX  | 1SCA152736R1001 | 1.8 |
| 37 / 75  | 18.5 / 20 |                       | 230 | 160 | 118 | OTA80S4BX  | 1SCA152740R1001 | 1.8 |
| 37 / 80  | 37 / 40   |                       | 230 | 160 | 118 | OTA100S4BX | 1SCA152710R1001 | 1.8 |
| 45 / 90  | 45 / 50   |                       | 230 | 160 | 118 | OTA125S4BX | 1SCA152714R1001 | 1.8 |

#### 6-pole

Auxiliary contacts included: 1NO0NC. Auxiliary contacts max: 2NO2NC.

Contains glands for 4 cables, and one control wire.

|          |          |                   |     |     |     |           |                 |     |
|----------|----------|-------------------|-----|-----|-----|-----------|-----------------|-----|
| 7.5 / 16 | 7.5 / 10 | 2xM25 / 2xM25+M16 | 230 | 160 | 118 | OTA16S6BX | 1SCA152720R1001 | 1.8 |
| 9 / 20   | 9 / 11   |                   | 230 | 160 | 118 | OTA25S6BX | 1SCA152726R1001 | 1.8 |
| 11 / 23  | 11 / 12  | 2xM32 / 2xM32+M16 | 230 | 160 | 118 | OTA40S6BX | 1SCA152732R1001 | 1.8 |

## Ordering information

### ATEX enclosed safety switches

#### ATEX enclosed safety switches, 3, 4 and 6-pole, IP65, red-yellow handle

The delivery includes a red-yellow handle (I-O/ON-OFF), PE-terminal, threaded cable entries, cable glands for two cables and one control cable, cable entry plugs, and auxiliary contacts according to the table below. Enclosure in rigid dye casted aluminium. Safety switch sticker included.

The products are all EMC approved. EMC glands to be ordered separately.



OTA16...40S3YX  
OTA16...40S4YX



OTA63...100S3YX  
OTA63...100S4YX  
OTA16...40S6YX

#### Cable entries from top and bottom

| Max. motor output AC-23A |                 | Cable outlets / side | Dimensions   |             |             | Type | Order code | Weight (1 pce)<br>kg |
|--------------------------|-----------------|----------------------|--------------|-------------|-------------|------|------------|----------------------|
| 415 V<br>kW / A          | 690 V<br>kW / A |                      | Height<br>mm | Width<br>mm | Depth<br>mm |      |            |                      |

#### 3-pole

Auxiliary contacts included: 1NO0NC. Auxiliary contacts max: 2NO2NC.

|          |           |                       |     |     |     |            |                 |     |
|----------|-----------|-----------------------|-----|-----|-----|------------|-----------------|-----|
| 7.5 / 16 | 7.5 / 10  | 2xM25+M20 / 2xM25+M20 | 165 | 130 | 103 | OTA16S3YX  | 1SCA152717R1001 | 1.3 |
| 9 / 20   | 9 / 11    |                       | 165 | 130 | 103 | OTA25S3YX  | 1SCA152723R1001 | 1.3 |
| 11 / 23  | 11 / 12   |                       | 165 | 130 | 103 | OTA40S3YX  | 1SCA152729R1001 | 1.3 |
| 22 / 63  | 15 / 20   | 2xM40 / 2xM40+M16     | 230 | 160 | 118 | OTA63S3YX  | 1SCA152735R1001 | 1.8 |
| 37 / 75  | 18.5 / 20 |                       | 230 | 160 | 118 | OTA80S3YX  | 1SCA152739R1001 | 1.8 |
| 37 / 80  | 37 / 40   |                       | 230 | 160 | 118 | OTA100S3YX | 1SCA152709R1001 | 1.8 |
| 45 / 90  | 45 / 50   |                       | 230 | 160 | 118 | OTA125S3YX | 1SCA152713R1001 | 1.8 |

#### 4-pole

Auxiliary contacts included: 1NO0NC. Auxiliary contacts max: 2NO2NC.

|          |           |                       |     |     |     |            |                 |     |
|----------|-----------|-----------------------|-----|-----|-----|------------|-----------------|-----|
| 7.5 / 16 | 7.5 / 10  | 2xM25+M20 / 2xM25+M20 | 165 | 130 | 103 | OTA16S4YX  | 1SCA152719R1001 | 1.3 |
| 9 / 20   | 9 / 11    |                       | 165 | 130 | 103 | OTA25S4YX  | 1SCA152725R1001 | 1.3 |
| 11 / 23  | 11 / 12   |                       | 165 | 130 | 103 | OTA40S4YX  | 1SCA152731R1001 | 1.3 |
| 22 / 63  | 15 / 20   | 2xM40 / 2xM40+M16     | 230 | 160 | 118 | OTA63S4YX  | 1SCA152737R1001 | 1.8 |
| 37 / 75  | 18.5 / 20 |                       | 230 | 160 | 118 | OTA80S4YX  | 1SCA152741R1001 | 1.8 |
| 37 / 80  | 37 / 40   |                       | 230 | 160 | 118 | OTA100S4YX | 1SCA152711R1001 | 1.8 |
| 45 / 90  | 45 / 50   |                       | 230 | 160 | 118 | OTA125S4YX | 1SCA152715R1001 | 1.8 |

#### 6-pole

Auxiliary contacts included: 1NO0NC. Auxiliary contacts max: 2NO2NC.

Contains glands for 4 cables, and one control wire.

|          |          |                   |     |     |     |           |                 |     |
|----------|----------|-------------------|-----|-----|-----|-----------|-----------------|-----|
| 7.5 / 16 | 7.5 / 10 | 2xM25 / 2xM25+M16 | 230 | 160 | 118 | OTA16S6YX | 1SCA152721R1001 | 1.8 |
| 9 / 20   | 9 / 11   |                   | 230 | 160 | 118 | OTA25S6YX | 1SCA152727R1001 | 1.8 |
| 11 / 23  | 11 / 12  |                   | 230 | 160 | 118 | OTA40S6YX | 1SCA152733R1001 | 1.8 |



## Ordering information

### Plastic enclosed safety EMC switches

#### EMC safety switches, 3-pole, IP65, black handle

The delivery includes a black selector handle (I-O/ON-OFF), auxiliary contacts according to the table below, and PE-terminal. Grey enclosure. The handles are padlockable with three padlocks in O-position. The cables have to be shielded. Standard compression glands may be used (no EMC). Cover interlock and defeatable interlock included.

##### Cable entries from top and bottom

| Max. motor output/<br>AC-23A                                       |              | Cable<br>openings/side | Enclosure<br>dimensions |             |             | Type     | Order number    | Weight<br>/unit<br>kg |
|--------------------------------------------------------------------|--------------|------------------------|-------------------------|-------------|-------------|----------|-----------------|-----------------------|
| 415V<br>kW/A                                                       | 690V<br>kW/A |                        | Height<br>mm            | Width<br>mm | Depth<br>mm |          |                 |                       |
| Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC |              |                        |                         |             |             |          |                 |                       |
| 37/80                                                              | 37/40        | I-flange / I-flange    | 400                     | 200         | 140         | OTE75T3B | 1SCA022438R3790 | 3,6                   |
| 45/90                                                              | 45/50        |                        | 400                     | 200         | 140         | OTE90T3B | 1SCA022438R3870 | 3,6                   |
| Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC |              |                        |                         |             |             |          |                 |                       |
| 7,5/16                                                             | 7,5/10       | 2xM25+M16/2xM25+M16    | 150                     | 130         | 85          | OTE16T3M | 1SCA022613R2190 | 0.5                   |
| 15/30                                                              | 15/20        |                        | 200                     | 145         | 90          | OTE25T3M | 1SCA022613R2270 | 0.9                   |
| 22/45                                                              | 15/20        | 2xM32+M16/2xM32+M16    | 200                     | 145         | 90          | OTE36T3M | 1SCA022613R2350 | 0.9                   |
| 30/63                                                              | 30/35        |                        | 200                     | 145         | 90          | OTE63T3M | 1SCA149375R1001 | 1                     |
| 37/80                                                              | 37/40        | 2xM50+M16/2xM50+M16    | 400                     | 200         | 140         | OTE75T3M | 1SCA022812R4160 | 3.6                   |
| 45/90                                                              | 45/50        |                        | 400                     | 200         | 140         | OTE90T3M | 1SCA022812R4240 | 3.6                   |



OTE16T3M,  
OTE16T4M



OTE25...63T3M  
OTE25...36T4M

#### EMC safety switches, 4-pole, IP65, black handle

The delivery includes a black selector handle (I-O/ON-OFF), auxiliary contacts according to the table below, and PE-terminal. Grey enclosure. The handles are padlockable with three padlocks in O-position. The cables have to be shielded. Standard compression glands may be used (no EMC). Cover interlock and defeatable interlock included.

##### Cable entries from top and bottom

| Max. motor output/<br>AC-23A                                       |        | Cable<br>openings/side | Enclosure<br>dimensions |       |       | Type     | Order number    | Weight<br>/unit<br>kg |
|--------------------------------------------------------------------|--------|------------------------|-------------------------|-------|-------|----------|-----------------|-----------------------|
| 415V                                                               | 690V   |                        | Height                  | Width | Depth |          |                 |                       |
| kW/A                                                               | kW/A   |                        | mm                      | mm    | mm    |          |                 |                       |
| Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC |        |                        |                         |       |       |          |                 |                       |
| 37/80                                                              | 37/40  | I-flange / I-flange    | 400                     | 200   | 140   | OTE75T4B | 1SCA022438R4250 | 3.7                   |
| 45/90                                                              | 45/50  |                        | 400                     | 200   | 140   | OTE90T4B | 1SCA022438R4330 | 3.7                   |
| Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC |        |                        |                         |       |       |          |                 |                       |
| 7,5/16                                                             | 7,5/10 | 2xM25+M16/2xM25+M16    | 150                     | 130   | 85    | OTE16T4M | 1SCA022613R2430 | 0.53                  |
| 15/30                                                              | 15/20  | 2xM32+M16/2xM32+M16    | 200                     | 145   | 90    | OTE25T4M | 1SCA022613R2510 | 0.96                  |
| 22/45                                                              | 15/20  |                        | 200                     | 145   | 90    | OTE36T4M | 1SCA022613R2600 | 0.96                  |
| 37/80                                                              | 37/40  | 2xM50+M16/2xM50+M16    | 400                     | 200   | 140   | OTE75T4M | 1SCA022812R4670 | 3.7                   |
| 45/90                                                              | 45/50  |                        | 400                     | 200   | 140   | OTE90T4M | 1SCA022812R5050 | 3.7                   |



OTE75...90T3M,  
OTE75...90T4M

Threaded knock-out openings, compression glands have to be ordered separately.  
The cables should be shielded to obtain proper EMC protection.

## Ordering information

### Plastic enclosed safety EMC switches

#### EMC safety switches, 6-pole, IP65, black handle

The delivery includes a black handle (I-O/ON-OFF), auxiliary contacts according to the table below, and PE-terminal. Grey enclosure. The handles are padlockable with three padlocks in O-position. The cables have to be shielded. Standard compression glands may be used (no EMC). Cover interlock and defeatable interlock included.



OTE16T6M



OTE25...90T6M

#### Cable entries from top and bottom

| Max. motor output/<br>AC-23A |              | Cable<br>openings/side | Enclosure<br>dimensions |       |       | Type | Order number | Weight<br>/unit<br>kg |
|------------------------------|--------------|------------------------|-------------------------|-------|-------|------|--------------|-----------------------|
|                              |              |                        | Height                  | Width | Depth |      |              |                       |
| 415V<br>kW/A                 | 690V<br>kW/A |                        | mm                      | mm    | mm    |      |              |                       |

#### Selector handle

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+1NC

|        |        |                     |     |     |    |          |                 |   |
|--------|--------|---------------------|-----|-----|----|----------|-----------------|---|
| 7,5/16 | 7,5/10 | 2xM25+M16/2xM25+M16 | 150 | 130 | 85 | OTE16T6M | 1SCA022613R8980 | 1 |
|--------|--------|---------------------|-----|-----|----|----------|-----------------|---|

#### Pistol handle

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|       |       |                     |     |     |     |          |                 |     |
|-------|-------|---------------------|-----|-----|-----|----------|-----------------|-----|
| 15/30 | 15/20 | I-flange / I-flange | 400 | 200 | 140 | OTE25T6B | 1SCA022506R4120 | 4,1 |
| 22/45 | 15/20 |                     | 400 | 200 | 140 | OTE36T6B | 1SCA022506R4210 | 4,1 |
| 37/80 | 37/40 |                     | 400 | 200 | 140 | OTE75T6B | 1SCA022536R1680 | 4,2 |
| 45/90 | 45/50 |                     | 400 | 200 | 140 | OTE90T6B | 1SCA022536R1760 | 4,2 |

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|       |       |                     |     |     |     |          |                 |     |
|-------|-------|---------------------|-----|-----|-----|----------|-----------------|-----|
| 15/30 | 15/20 | 2xM40+M16/2xM40+M16 | 400 | 200 | 140 | OTE25T6M | 1SCA150552R1001 | 4,1 |
| 22/45 | 15/20 |                     | 400 | 200 | 140 | OTE36T6M | 1SCA150554R1001 | 4,1 |
| 30/63 | 30/35 |                     | 400 | 200 | 140 | OTE63T6M | 1SCA150556R1001 | 4,3 |
| 37/80 | 37/40 | 2xM50+M16/2xM50+M16 | 400 | 200 | 140 | OTE75T6M | 1SCA022812R5720 | 4,2 |
| 45/90 | 45/50 |                     | 400 | 200 | 140 | OTE90T6M | 1SCA022812R5810 | 4,2 |

Threaded knock-out openings, compression glands have to be ordered separately.

The cables should be shielded to obtain proper EMC protection.

## Ordering information

### Plastic enclosed safety EMC switches

#### EMC safety switches, 3-pole, IP65, red-yellow handle

The delivery includes a red-yellow selector handle (I-O/ON-OFF), auxiliary contacts according to the table below, and PE-terminal. Grey enclosure. The handles are padlockable with three padlocks in O-position. The cables have to be shielded. Standard compression glands may be used (no EMC). Cover interlock and defeatable interlock included.

##### Cable entries from top and bottom



OTE16A3M,  
OTE16A4M



OTE25...63A3M  
OTE25...36A4M



OTE75...90A3M  
OTE75...90A4M

| Max. motor output/<br>AC-23A                                       |              | Cable openings/side | Enclosure dimensions |       |       | Type     | Order number    | Weight /unit<br>kg |
|--------------------------------------------------------------------|--------------|---------------------|----------------------|-------|-------|----------|-----------------|--------------------|
|                                                                    |              |                     | Height               | Width | Depth |          |                 |                    |
| 415V<br>kW/A                                                       | 690V<br>kW/A | l-flange / l-flange | mm                   | mm    | mm    |          |                 |                    |
| 37/80                                                              | 37/40        |                     | 400                  | 200   | 140   |          |                 |                    |
| 45/90                                                              | 45/50        |                     | 400                  | 200   | 140   | OTE90A3B | 1SCA022438R4840 | 3,6                |
| Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC |              |                     |                      |       |       |          |                 |                    |
| 7,5/16                                                             | 7,5/10       | 2xM25+M16/2xM25+M16 | 150                  | 130   | 85    | OTE16A3M | 1SCA022613R8710 | 0.5                |
| 15/30                                                              | 15/20        |                     | 200                  | 145   | 90    | OTE25A3M | 1SCA022613R9010 | 0.9                |
| 22/45                                                              | 15/20        | 2xM32+M16/2xM32+M16 | 200                  | 145   | 90    | OTE36A3M | 1SCA022613R9280 | 0.9                |
| 30/63                                                              | 30/35        |                     | 200                  | 145   | 90    | OTE63A3M | 1SCA149374R1001 | 1                  |
| 37/80                                                              | 37/40        | 2xM50+M16/2xM50+M16 | 400                  | 200   | 140   | OTE75A3M | 1SCA022812R5990 | 3.6                |
| 45/90                                                              | 45/50        |                     | 400                  | 200   | 140   | OTE90A3M | 1SCA022812R6020 | 3.6                |

#### EMC safety switches, 4-pole, IP65, red-yellow handle

The delivery includes a red-yellow selector handle (I-O/ON-OFF), auxiliary contacts according to the table below, and PE-terminal. Grey enclosure. The handles are padlockable with three padlocks in O-position. The cables have to be shielded. Standard compression glands may be used (no EMC). Cover interlock and defeatable interlock included.

##### Cable entries from top and bottom

| Max. motor output/<br>AC-23A                                       |              | Cable openings/side | Enclosure dimensions |       |       | Type     | Order number    | Weight /unit<br>kg |
|--------------------------------------------------------------------|--------------|---------------------|----------------------|-------|-------|----------|-----------------|--------------------|
|                                                                    |              |                     | Height               | Width | Depth |          |                 |                    |
| 415V<br>kW/A                                                       | 690V<br>kW/A | l-flange / l-flange | mm                   | mm    | mm    |          |                 |                    |
| 37/80                                                              | 37/40        |                     | 400                  | 200   | 140   |          |                 |                    |
| 45/90                                                              | 45/50        |                     | 400                  | 200   | 140   | OTE90A4B | 1SCA022438R5310 | 3,7                |
| Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC |              |                     |                      |       |       |          |                 |                    |
| 7,5/16                                                             | 7,5/10       | 2xM25+M16/2xM25+M16 | 150                  | 130   | 85    | OTE16A4M | 1SCA022613R8800 | 0.53               |
| 15/30                                                              | 15/20        |                     | 200                  | 145   | 90    | OTE25A4M | 1SCA022613R9100 | 0.96               |
| 22/45                                                              | 15/20        | 2xM32+M16/2xM32+M16 | 200                  | 145   | 90    | OTE36A4M | 1SCA022613R9360 | 0.96               |
| 37/80                                                              | 37/40        | 2xM50+M16/2xM50+M16 | 400                  | 200   | 140   | OTE75A4M | 1SCA022812R6370 | 3.7                |
| 45/90                                                              | 45/50        |                     | 400                  | 200   | 140   | OTE90A4M | 1SCA022812R6450 | 3.7                |

Threaded knock-out openings, compression glands have to be ordered separately.  
The cables should be shielded to obtain proper EMC protection.

## Ordering information

### Plastic enclosed safety EMC switches



OTE16A6M



OTE25...63A6M



OTE75...90A6M

#### EMC safety switches, 6-pole, IP65, red-yellow handle

The delivery includes a red-yellow handle (I-O/ON-OFF), auxiliary contacts according to the table below, and PE-terminal. Grey enclosure. The handles are padlockable with three padlocks in O-position. The cables have to be shielded. Standard compression glands may be used (no EMC needed). Cover interlock and defeatable interlock included.

##### Cable entries from top and bottom

| Max. motor output/<br>AC-23A |              | Cable<br>openings/side | Enclosure<br>dimensions |             |             | Type | Order number | Weight<br>/unit<br>kg |
|------------------------------|--------------|------------------------|-------------------------|-------------|-------------|------|--------------|-----------------------|
|                              |              |                        | Height<br>mm            | Width<br>mm | Depth<br>mm |      |              |                       |
| 415V<br>kW/A                 | 690V<br>kW/A |                        |                         |             |             |      |              |                       |

##### Selector handle

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+1NC

|        |        |                     |     |     |    |          |                 |   |
|--------|--------|---------------------|-----|-----|----|----------|-----------------|---|
| 7,5/16 | 7,5/10 | 2xM25+M16/2xM25+M16 | 150 | 130 | 85 | OTE16A6M | 1SCA022681R1250 | 1 |
|--------|--------|---------------------|-----|-----|----|----------|-----------------|---|

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|       |       |                     |     |     |     |          |                 |     |
|-------|-------|---------------------|-----|-----|-----|----------|-----------------|-----|
| 15/30 | 15/20 | 2xM40+M16/2xM40+M16 | 400 | 200 | 140 | OTE25A6M | 1SCA150551R1001 | 4.1 |
| 22/45 | 15/20 |                     | 400 | 200 | 140 | OTE36A6M | 1SCA150553R1001 | 4.1 |
| 30/63 | 30/35 |                     | 400 | 200 | 140 | OTE63A6M | 1SCA150555R1001 | 4.3 |

##### Pistol handle

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|       |       |                     |     |     |     |          |                 |     |
|-------|-------|---------------------|-----|-----|-----|----------|-----------------|-----|
| 15/30 | 15/20 | I-flange / I-flange | 400 | 200 | 140 | OTE25A6B | 1SCA022615R0500 | 4.1 |
| 22/45 | 15/20 |                     | 400 | 200 | 140 | OTE36A6B | 1SCA022652R3890 | 4.1 |
| 37/80 | 37/40 |                     | 400 | 200 | 140 | OTE75A6B | 1SCA022652R3970 | 4.2 |
| 45/90 | 45/50 |                     | 400 | 200 | 140 | OTE90A6B | 1SCA022652R4010 | 4.2 |

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|       |       |                     |     |     |     |          |                 |     |
|-------|-------|---------------------|-----|-----|-----|----------|-----------------|-----|
| 37/80 | 37/40 | 2xM50+M16/2xM50+M16 | 400 | 200 | 140 | OTE75A6M | 1SCA022812R6700 | 4.2 |
| 45/90 | 45/50 |                     | 400 | 200 | 140 | OTE90A6M | 1SCA022812R6880 | 4.2 |

Threaded knock-out openings, compression glands have to be ordered separately.

The cables should be shielded to obtain proper EMC protection.

## Ordering information

### Steel sheet enclosed EMC safety switches

#### EMC safety switches, 3-pole, IP65, black handle

The delivery includes a black handle (I-O/ON-OFF) and PE-terminal. Knock-out openings included, cable outlets also for control cable. Compression glands have to be ordered separately, see accessories for EMC Safety switches. Equipped with hinges and lock, grey enclosure. Cover interlock and defeatable interlock included.

##### Cable entries from top and bottom

| Max. motor output/<br>AC-23A |              | Cable<br>openings/side | Enclosure<br>dimensions |             |             | Type | Order number | Weight<br>/unit<br>kg |
|------------------------------|--------------|------------------------|-------------------------|-------------|-------------|------|--------------|-----------------------|
| 415V<br>kW/A                 | 690V<br>kW/A |                        | Height<br>mm            | Width<br>mm | Depth<br>mm |      |              |                       |

##### Selector handle

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|        |        |                                 |     |     |     |             |                 |     |
|--------|--------|---------------------------------|-----|-----|-----|-------------|-----------------|-----|
| 7,5/16 | 7,5/10 | 2xø25.5+ø16.5/<br>2xø25.5+ø16.5 | 200 | 150 | 100 | OT16ETMM3TE | 1SCA022734R5980 | 1.7 |
|--------|--------|---------------------------------|-----|-----|-----|-------------|-----------------|-----|

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+1NC

|       |       |                                 |     |     |     |             |                 |     |
|-------|-------|---------------------------------|-----|-----|-----|-------------|-----------------|-----|
| 15/30 | 15/20 | 2xø32.5+ø16.5/<br>2xø32.5+ø16.5 | 200 | 150 | 100 | OT25ETMM3TE | 1SCA022734R6010 | 1.9 |
| 22/45 | 15/20 | 2xø32.5+ø16.5/<br>2xø32.5+ø16.5 | 200 | 150 | 100 | OT36ETMM3TE | 1SCA022734R6100 | 1.9 |



OT16...36ETMM3TE

#### EMC safety switches, 6-pole, IP65, black handle

The delivery includes a black handle (I-O/ON-OFF) and PE-terminal. Knock-out openings included, cable outlets also for control cable. Compression glands have to be ordered separately, see Accessories for EMC Safety switches. Equipped with hinges and lock, grey enclosure. Cover interlock and defeatable interlock included.

##### Cable entries from top and bottom

| Max. motor output/<br>AC-23A |              | Cable<br>openings/side | Enclosure<br>dimensions |             |             | Type | Order number | Weight<br>/unit<br>kg |
|------------------------------|--------------|------------------------|-------------------------|-------------|-------------|------|--------------|-----------------------|
| 415V<br>kW/A                 | 690V<br>kW/A |                        | Height<br>mm            | Width<br>mm | Depth<br>mm |      |              |                       |

##### Pistol handle

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|        |        |                                 |     |     |     |             |                 |     |
|--------|--------|---------------------------------|-----|-----|-----|-------------|-----------------|-----|
| 7,5/16 | 7,5/10 | 2xø25.5+ø16.5/<br>2xø25.5+ø16.5 | 200 | 150 | 100 | OT16ETMM6TE | 1SCA022739R3870 | 1.9 |
| 22/45  | 15/20  | 2xø32.5+ø16.5/<br>2xø32.5+ø16.5 | 250 | 165 | 110 | OT36ETMM6TE | 1SCA022739R4090 | 3.7 |



OT16...36ETMM6TE

Threaded knock-out openings, compression glands have to be ordered separately.  
The cables should be shielded to obtain proper EMC protection.



## Ordering information

### Steel sheet enclosed EMC safety switches



OT16...25ETMM3AE



OT36...63ETMM3AE

#### EMC safety switches, 3-pole, IP65, red-yellow handle

The delivery includes a red-yellow handle (I-O/ON-OFF), auxiliary contact 1NO and PE-terminal. Knock-out openings included, cable outlets also for control cable. Compression glands have to be ordered separately, see accessories for EMC Safety switches. Equipped with hinges and lock, grey enclosure. Cover interlock and defeatable interlock included.

##### Cable entries from top and bottom

| Max. motor output/<br>AC-23A |              | Cable openings/side | Enclosure dimensions |       |       | Type | Order number | Weight /unit<br>kg |
|------------------------------|--------------|---------------------|----------------------|-------|-------|------|--------------|--------------------|
|                              |              |                     | Height               | Width | Depth |      |              |                    |
| 415V<br>kW/A                 | 690V<br>kW/A |                     | mm                   | mm    | mm    |      |              |                    |

##### Selector handle

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|        |        |                                 |     |     |     |             |                 |     |
|--------|--------|---------------------------------|-----|-----|-----|-------------|-----------------|-----|
| 7,5/16 | 7,5/10 | 2xø25.5+ø16.5/<br>2xø25.5+ø16.5 | 200 | 150 | 100 | OT16ETMM3AE | 1SCA022742R0780 | 17  |
| 15/30  | 15/20  | 2xø25.5+ø16.5/<br>2xø25.5+ø16.5 | 200 | 150 | 100 | OT25ETMM3AE | 1SCA022742R0860 | 1.9 |

##### Pistol handle

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+1NC

|       |       |                                 |     |     |     |             |                 |     |
|-------|-------|---------------------------------|-----|-----|-----|-------------|-----------------|-----|
| 22/45 | 15/20 | 2xø25.5+ø16.5/<br>2xø25.5+ø16.5 | 200 | 150 | 100 | OT36ETMM3AE | 1SCA022742R0940 | 1.9 |
| 30/63 | 30/35 | 2xø25.5+ø16.5/<br>2xø25.5+ø16.5 | 200 | 150 | 100 | OT63ETMM3AE | 1SCA022742R1080 | 2.4 |

#### EMC safety switches, 6-pole, IP65, red-yellow handle

The delivery includes a red-yellow handle (I-O/ON-OFF), auxiliary contact 1NO and PE-terminal. Knock-out openings included, cable outlets also for control cable. Compression glands have to be ordered separately, see accessories for EMC Safety switches. Equipped with hinges and lock, grey enclosure. Cover interlock and defeatable interlock included.

##### Cable entries from bottom

| Max. motor output/<br>AC-23A |              | Cable openings/side | Enclosure dimensions |       |       | Type | Order number | Weight /unit<br>kg |
|------------------------------|--------------|---------------------|----------------------|-------|-------|------|--------------|--------------------|
|                              |              |                     | Height               | Width | Depth |      |              |                    |
| 415V<br>kW/A                 | 690V<br>kW/A |                     | mm                   | mm    | mm    |      |              |                    |

##### Selector handle

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|        |        |                                 |     |     |     |             |                 |    |
|--------|--------|---------------------------------|-----|-----|-----|-------------|-----------------|----|
| 7,5/16 | 7,5/10 | Blank/2xø25.5+ø16.5             | 200 | 150 | 100 | OT16ETMM6AE | 1SCA022742R1160 | 19 |
| 15/30  | 15/20  | 2xø32.5+ø16.5/<br>2xø32.5+ø16.5 | 200 | 165 | 110 | OT25ETMM6AE | 1SCA022742R1240 |    |

##### Pistol handle

Auxiliary contacts included: 1NO • Auxiliary contacts max: 2NO+2NC

|       |       |                                 |     |     |     |             |                 |   |
|-------|-------|---------------------------------|-----|-----|-----|-------------|-----------------|---|
| 22/45 | 15/20 | 2xø32.5+ø16.5/<br>2xø32.5+ø16.5 | 250 | 165 | 110 | OT36ETMM6AE | 1SCA022742R1320 | 4 |
|-------|-------|---------------------------------|-----|-----|-----|-------------|-----------------|---|



OT16...25ETMM6AE



OT36EMM6AE

Threaded knock-out openings, compression glands have to be ordered separately.  
The cables should be shielded to obtain proper EMC protection.

## Ordering information

### Steel sheet enclosed EMC safety switches



OT90GTUU3TZ

OT160EVTRR3TZ,  
OT200...315KTRR3TZ

OT400DTRR3TZ

#### EMC safety switches with ring-flange cable entries, 3-pole, IP65, black handle

The delivery includes a black pistol handle (I-O/ON - OFF indication), grey enclosure. Auxiliary contacts are wired to the terminal blocks in sizes 200A...1250A. PE-terminal. Fixed cable entry with ring-flange entries. Entry plate fixing profiles are used also for mounting the safety switch. Cover interlock and defeatable interlock included.

##### Cable entries

##### from top and bottom

| Max. motor output/<br>AC-23A                                           |              | Cable<br>openings/side          | Enclosure<br>dimensions |             |             | Cover<br>flanges<br>included<br>[pcs] | Type          | Order number    | Weight<br>/unit<br>kg |
|------------------------------------------------------------------------|--------------|---------------------------------|-------------------------|-------------|-------------|---------------------------------------|---------------|-----------------|-----------------------|
| 415V<br>kW/A                                                           | 690V<br>kW/A |                                 | Height<br>mm            | Width<br>mm | Depth<br>mm |                                       |               |                 |                       |
| Knock-outs: 10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm, 40.5mm               |              |                                 |                         |             |             |                                       |               |                 |                       |
| Auxiliary contacts included: 1NO+1NC • Auxiliary contacts max: 2NO+2NC |              |                                 |                         |             |             |                                       |               |                 |                       |
| 45/90                                                                  | 75/90        | Blank/Blank                     | 400                     | 250         | 180         | -                                     | OT90GTUU3TZ   | 1SCA148210R1001 | 9.4                   |
| 55/125                                                                 | 110/125      | Blank/Blank                     | 400                     | 250         | 180         | -                                     | OT125GTUU3TZ  | 1SCA148216R1001 | 9.4                   |
| Knock-outs: 3x10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm                     |              |                                 |                         |             |             |                                       |               |                 |                       |
| Auxiliary contacts included: 2NO+1NC • Auxiliary contacts max: 2NO+1NC |              |                                 |                         |             |             |                                       |               |                 |                       |
| 80/160                                                                 | 144/160      | 4xring-flange/<br>4xring-flange | 600                     | 400         | 230         | 6                                     | OT160EVTRR3TZ | 1SCA148596R1001 | 19.91                 |
| 110/200                                                                | 160/200      |                                 | 600                     | 400         | 230         | 6                                     | OT200KTRR3TZ  | 1SCA022513R7450 | 21                    |
| 132/250                                                                | 200/250      |                                 | 600                     | 400         | 230         | 6                                     | OT250KTRR3TZ  | 1SCA022513R7530 | 21                    |
| 160/315                                                                | 250/315      |                                 | 600                     | 400         | 230         | 6                                     | OT315KTRR3TZ  | 1SCA022513R7610 | 21                    |
| 220/400                                                                | 355/400      |                                 | 800                     | 400         | 230         | 5                                     | OT400DTRR3TZ  | 1SCA022513R7700 | 27                    |
| 315/570                                                                | 560/570      |                                 | 1000                    | 400         | 230         | 4                                     | OT630KTRR3TZ  | 1SCA022513R7880 | 31                    |
| 400/720                                                                | 710/720      | 8xring-flange/<br>8xring-flange | 1000                    | 400         | 230         | 4                                     | OT800ETRR3TZ  | 1SCA022828R1770 | 31                    |
| 560/1000                                                               | 1000/1000    |                                 | 1200                    | 800         | 330         | 10                                    | OT1000BTRR3TZ | 1SCA022513R7960 | 66                    |
| 710/1250                                                               | 1200/1250    |                                 | 1200                    | 800         | 330         | 10                                    | OT1250ETRR3TZ | 1SCA103280R1001 | 66                    |

Compression glands have to be ordered separately.

The cables should be shielded to obtain proper EMC protection.

## Ordering information

### Steel sheet enclosed EMC safety switches

#### EMC safety switches with ring-flange cable entries, 3-pole, IP65, black handle

The delivery includes a black pistol handle (I-O/ON-OFF indication), grey enclosure. Auxiliary contacts are wired to the terminal blocks in sizes 200A...1250A. PE-terminal. Fixed cable entry with ring-flange entries. Entry plate fixing profiles are used also for mounting the safety switch. Cover interlock and defeatable interlock included.



OT160EVUUR3TZ,  
OT200KUUR3TZ



OT1000BUUR3TZ,  
OT1250EUUR3TZ

#### Cable entries from bottom

| Max. motor output/<br>AC-23A                                                                                                      |           | Cable<br>openings/side | Enclosure dimensions |       |       | Cover flanges included<br>[pcs] | Type          | Order number    | Weight /unit<br>kg |
|-----------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------|----------------------|-------|-------|---------------------------------|---------------|-----------------|--------------------|
| 415V                                                                                                                              | 690V      |                        | Height               | Width | Depth |                                 |               |                 |                    |
| kW/A                                                                                                                              | kW/A      |                        | mm                   | mm    | mm    |                                 |               |                 |                    |
| Knock-outs: 3x10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm<br>Auxiliary contacts included: 1NO+1NC • Auxiliary contacts max: 2NO+2NC      |           |                        |                      |       |       |                                 |               |                 |                    |
| 45/90                                                                                                                             | 75/90     | Blank/4xring-flange    | 400                  | 400   | 230   | 4                               | OT90GUUR3TZ   | 1SCA148438R1001 | 14.8               |
| Knock-outs: 3x10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm<br>Auxiliary contacts included: 1NO+1NC • Auxiliary contacts max: 2NO+1NC      |           |                        |                      |       |       |                                 |               |                 |                    |
| 55/125                                                                                                                            | 110/125   | Blank/4xring-flange    | 400                  | 400   | 230   | 4                               | OT125GUUR3TZ  | 1SCA148444R1001 | 14.8               |
| Knock-outs: 3x10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm<br>Auxiliary contacts included: 2NO+1NC • Auxiliary contacts max: 2NO+1NC      |           |                        |                      |       |       |                                 |               |                 |                    |
| 80/160                                                                                                                            | 144/160   | Blank/4xring-flange    | 600                  | 400   | 230   | 2                               | OT160EVUUR3TZ | 1SCA147982R1001 | 21.91              |
| 110/200                                                                                                                           | 160/200   |                        | 600                  | 400   | 230   | 2                               | OT200KUUR3TZ  | 1SCA022513R8340 | 23                 |
| 132/250                                                                                                                           | 200/250   |                        | 800                  | 400   | 230   | 2                               | OT250KUUR3TZ  | 1SCA022513R8420 | 27                 |
| 160/315                                                                                                                           | 250/315   |                        | 800                  | 400   | 230   | 2                               | OT315KUUR3TZ  | 1SCA022513R8510 | 27                 |
| 220/400                                                                                                                           | 355/400   |                        | 800                  | 400   | 230   | 2                               | OT400DUUR3TZ  | 1SCA022513R8690 | 30                 |
| Knock-outs: 9.5mm, 10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm<br>Auxiliary contacts included: 2NO+1NC • Auxiliary contacts max: 2NO+1NC |           |                        |                      |       |       |                                 |               |                 |                    |
| 315/570                                                                                                                           | 560/570   | Blank/8xring-flange    | 1000                 | 800   | 230   | 4                               | OT630KUUR3TZ  | 1SCA022513R8770 | 50                 |
| 400/720                                                                                                                           | 710/720   | Blank/Blank            | 1000                 | 800   | 230   |                                 | OT800EUUU3TZ  | 1SCA129519R1001 | 50                 |
| 400/720                                                                                                                           | 710/720   | Blank/8xring-flange    | 1000                 | 800   | 230   | 4                               | OT800EUUR3TZ  | 1SCA022828R0110 | 50                 |
| 560/1000                                                                                                                          | 1000/1000 |                        | 1200                 | 800   | 330   | 2                               | OT1000BUUR3TZ | 1SCA022513R8850 | 73                 |
| 710/1250                                                                                                                          | 1200/1250 |                        | 1200                 | 800   | 330   | 2                               | OT1250EUUR3TZ | 1SCA103281R1001 | 73                 |

Threaded knock-out openings, compression glands have to be ordered separately.  
The cables should be shielded to obtain proper EMC protection.

## Ordering information

### Steel sheet enclosed EMC safety switches

#### EMC safety switches with ring-flange cable entries, 6-pole, IP65, black handle

The delivery includes a black pistol handle (I-O/ON-OFF) and PE-terminal. Auxiliary contacts are wired to the terminal blocks in sizes 200A...720A. Fixed cable entries with ring-flange entries. Entry plate fixing profiles are used also for mounting the safety switch. Cover interlock and defeatable interlock included.



OT160EVTRR6TZ,  
OT200KTRR6TZ



OT250...315KTRR6TZ,  
OT400DTRR6TZ



OT200KUUR6TZ



OT250...315KUUR6TZ  
OT400DUUR6TZ



OT630KUUR6TZ

#### Cable entries from top and bottom

| Max. motor output/<br>AC-23A |              | Cable<br>openings/side | Enclosure<br>dimensions |             |             | Cover<br>flanges<br>included<br>[pcs] | Type | Order number | Weight<br>/unit<br>kg |
|------------------------------|--------------|------------------------|-------------------------|-------------|-------------|---------------------------------------|------|--------------|-----------------------|
| 415V<br>kW/A                 | 690V<br>kW/A |                        | Height<br>mm            | Width<br>mm | Depth<br>mm |                                       |      |              |                       |

Knock-outs: 3x10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm

Auxiliary contacts included: 2NO • Auxiliary contacts max: 2NO+2NC

|        |         |                |     |     |     |   |                            |                 |      |
|--------|---------|----------------|-----|-----|-----|---|----------------------------|-----------------|------|
| 45/90  | 75/90   | 4xring-flange/ | 400 | 400 | 230 | 4 | OT90GTRR6TZ                | 1SCA148604R1001 | 16.4 |
| 55/125 | 110/125 | 4xring-flange  | 400 | 400 | 230 | 4 | OT125GTRR6TZ               | 1SCA148602R1001 | 16.4 |
| 55/125 | 110/125 | Blank/ Blank   | 400 | 400 | 230 | - | OT125GTUU6TZ <sup>1)</sup> | 1SCA157028R1001 | 16.4 |

Knock-outs: 3x10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm

Auxiliary contacts included: 2NO • Auxiliary contacts max: 2NO+2NC

|         |         |                                 |      |     |     |    |               |                 |    |
|---------|---------|---------------------------------|------|-----|-----|----|---------------|-----------------|----|
| 80/160  | 144/160 | 8xring-flange/<br>8xring-flange | 600  | 800 | 230 | 12 | OT160EVTRR6TZ | 1SCA148027R1001 | 37 |
| 110/200 | 160/200 |                                 | 600  | 800 | 230 | 12 | OT200KTRR6TZ  | 1SCA022545R7440 | 37 |
| 132/250 | 200/250 |                                 | 800  | 800 | 230 | 8  | OT250KTRR6TZ  | 1SCA022545R7520 | 42 |
| 160/315 | 250/315 |                                 | 800  | 800 | 230 | 8  | OT315KTRR6TZ  | 1SCA022545R7610 | 42 |
| 220/400 | 355/400 |                                 | 800  | 800 | 230 | 8  | OT400DTRR6TZ  | 1SCA022545R7790 | 45 |
| 315/570 | 560/570 |                                 | 1000 | 800 | 230 | 8  | OT630KTRR6TZ  | 1SCA022545R7870 | 54 |
| 400/720 | 710/720 |                                 | 1000 | 800 | 230 | 8  | OT800ETRR6TZ  | 1SCA022828R2660 | 54 |

#### Cable entries from bottom

| Max. motor output/<br>AC-23A |              | Cable<br>openings/side | Enclosure<br>dimensions |             |             | Cover<br>flanges<br>included<br>[pcs] | Type | Order number | Weight<br>/unit<br>kg |
|------------------------------|--------------|------------------------|-------------------------|-------------|-------------|---------------------------------------|------|--------------|-----------------------|
| 415V<br>kW/A                 | 690V<br>kW/A |                        | Height<br>mm            | Width<br>mm | Depth<br>mm |                                       |      |              |                       |

Knock-outs: 10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm

Auxiliary contacts included: 4NO+2NC • Auxiliary contacts max: 4NO+2NC

|         |         |                     |     |     |     |   |              |                 |    |
|---------|---------|---------------------|-----|-----|-----|---|--------------|-----------------|----|
| 110/200 | 160/200 | Blank/8xring-flange | 600 | 800 | 230 | 4 | OT200KUUR6TZ | 1SCA022625R3730 | 37 |
|---------|---------|---------------------|-----|-----|-----|---|--------------|-----------------|----|

Knock-outs: 9.5mm, 10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm

Auxiliary contacts included: 4NO+2NC • Auxiliary contacts max: 4NO+2NC

|         |         |                     |      |     |     |   |              |                 |    |
|---------|---------|---------------------|------|-----|-----|---|--------------|-----------------|----|
| 132/250 | 200/250 | Blank/8xring-flange | 800  | 800 | 230 | 4 | OT250KUUR6TZ | 1SCA022806R6610 | 45 |
| 160/315 | 250/315 |                     | 800  | 800 | 230 | 2 | OT315KUUR6TZ | 1SCA022805R3040 | 42 |
| 220/400 | 355/400 |                     | 800  | 800 | 230 | 2 | OT400DUUR6TZ | 1SCA022805R3800 | 48 |
| 315/570 | 560/570 |                     | 1000 | 800 | 330 | 2 | OT630KUUR6TZ | 1SCA022842R9600 | 85 |

Ring-flanges have to be ordered separately.

The ordering information for ring-flanges, see Accessories for EMC Safety switches.

The cables should be shielded to obtain proper EMC protection.

<sup>1)</sup>Include blank cable entries

## Ordering information

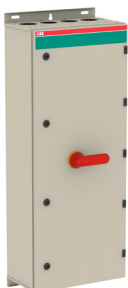
### Steel sheet enclosed EMC safety switches



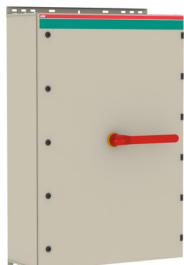
OT160EVTRR3AZ,  
OT200...315KTTR3AZ



OT400DTRR3AZ



OT630KTTR3AZ,  
OT800ETRR3AZ



OT1000BTRR3AZ,  
OT1250ETRR3AZ



OT90...125GUUR3AZ

#### EMC safety switches with ring-flange cable entries, 3-pole, IP65, red-yellow handle

The delivery includes a red-yellow pistol handle (I-O/ON - OFF indication), grey enclosure. Auxiliary contacts according to the table below. PE-terminal. Fixed cable entry with ring-flange entries. Entry plate fixing profiles are used also for mounting the safety switch. Cover interlock and defeatable interlock included.

##### Cable entries from top and bottom

| Max. motor output/<br>AC-23A |              | Cable<br>openings/side | Enclosure dimensions |       |       | Cover flanges included<br>[pcs] | Type | Order number | Weight /unit<br>kg |
|------------------------------|--------------|------------------------|----------------------|-------|-------|---------------------------------|------|--------------|--------------------|
|                              |              |                        | Height               | Width | Depth |                                 |      |              |                    |
| 415V<br>kW/A                 | 690V<br>kW/A |                        | mm                   | mm    | mm    |                                 |      |              |                    |

Knock-outs: 10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm, 40.5mm

Auxiliary contacts included: 1NO+1NC • Auxiliary contacts max: 2NO+2NC

|        |         |             |     |     |     |   |              |                 |     |
|--------|---------|-------------|-----|-----|-----|---|--------------|-----------------|-----|
| 45/90  | 75/90   | Blank/Blank | 400 | 250 | 180 | - | OT90GTUU3AZ  | 1SCA148209R1001 | 9.4 |
| 55/125 | 110/125 |             | 400 | 250 | 180 | - | OT125GTUU3AZ | 1SCA148215R1001 | 9.4 |

Knock-outs: 3x10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm

Auxiliary contacts included: 2NO+1NC • Auxiliary contacts max: 2NO+1NC

|          |           |                                 |      |     |     |    |               |                 |      |
|----------|-----------|---------------------------------|------|-----|-----|----|---------------|-----------------|------|
| 80/160   | 144/160   | 4xring-flange/<br>4xring-flange | 600  | 400 | 230 | 6  | OT160EVTRR3AZ | 1SCA148595R1001 | 19.9 |
| 110/200  | 160/200   |                                 | 600  | 400 | 230 | 6  | OT200KTTR3AZ  | 1SCA022742R3450 | 21   |
| 132/250  | 200/250   |                                 | 600  | 400 | 230 | 6  | OT250KTTR3AZ  | 1SCA022742R3530 | 21   |
| 160/315  | 250/315   |                                 | 600  | 400 | 230 | 6  | OT315KTTR3AZ  | 1SCA022742R3610 | 21   |
| 220/400  | 355/400   |                                 | 800  | 400 | 230 | 5  | OT400DTRR3AZ  | 1SCA022742R3700 | 27   |
| 315/570  | 560/570   |                                 | 1000 | 400 | 230 | 4  | OT630KTTR3AZ  | 1SCA022742R3880 | 31   |
| 400/720  | 710/720   | 8xring-flange/<br>8xring-flange | 1000 | 400 | 230 | 4  | OT800ETRR3AZ  | 1SCA022828R2070 | 31   |
| 560/1000 | 1000/1000 |                                 | 1200 | 800 | 330 | 10 | OT1000BTRR3AZ | 1SCA102749R1001 | 66   |
| 710/1250 | 1200/1250 |                                 | 1200 | 800 | 330 | 10 | OT1250ETRR3AZ | 1SCA103282R1001 | 66   |

##### Cable entries from bottom

| Max. motor output/<br>AC-23A |              | Cable<br>openings/side | Enclosure dimensions |       |       | Cover flanges included<br>[pcs] | Type | Order number | Weight /unit<br>kg |
|------------------------------|--------------|------------------------|----------------------|-------|-------|---------------------------------|------|--------------|--------------------|
|                              |              |                        | Height               | Width | Depth |                                 |      |              |                    |
| 415V<br>kW/A                 | 690V<br>kW/A |                        | mm                   | mm    | mm    |                                 |      |              |                    |

Knock-outs: 3x10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm

Auxiliary contacts included: 1NO+1NC • Auxiliary contacts max: 2NO+1NC

|        |         |                     |     |     |     |   |              |                 |      |
|--------|---------|---------------------|-----|-----|-----|---|--------------|-----------------|------|
| 45/90  | 75/90   | Blank/4xring-flange | 400 | 400 | 230 | 4 | OT90GUUR3AZ  | 1SCA148437R1001 | 14.8 |
| 55/125 | 110/125 |                     | 400 | 400 | 230 | 4 | OT125GUUR3AZ | 1SCA148443R1001 | 14.8 |

Ring-flanges have to be ordered separately.

The ordering information for ring-flanges, see Accessories for EMC Safety switches.

The cables should be shielded to obtain proper EMC protection.



## Ordering information

### Steel sheet enclosed EMC safety switches



OT160EVUUR3AZ,  
OT200KUUR3AZ



OT250...315KUUR3AZ,  
OT400DUUR3AZ



OT1000BUUR3AZ,  
OT1250EUUR3AZ

#### EMC safety switches with ring-flange cable entries, 3-pole, IP65, red-yellow handle

The delivery includes a red-yellow pistol handle (I-O/ON - OFF indication), grey enclosure. Auxiliary contacts according to the table below. PE-terminal. Fixed cable entry with ring-flange entries. Entry plate fixing profiles are used also for mounting the safety switch. Cover interlock and defeatable interlock included.

##### Cable entries from bottom

| Max. motor output/<br>AC-23A                                                                                                      |           | Cable<br>openings/side | Enclosure<br>dimensions |       |       | Cover<br>flanges<br>included<br>[pcs] | Type          | Order number    | Weight<br>/unit<br>kg |
|-----------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------|-------------------------|-------|-------|---------------------------------------|---------------|-----------------|-----------------------|
| 415V                                                                                                                              | 690V      |                        | Height                  | Width | Depth |                                       |               |                 |                       |
| kW/A                                                                                                                              | kW/A      |                        | mm                      | mm    | mm    |                                       |               |                 |                       |
| Knock-outs: 3x10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm<br>Auxiliary contacts included: 2NO+1NC • Auxiliary contacts max: 2NO+1NC      |           |                        |                         |       |       |                                       |               |                 |                       |
| 80/160                                                                                                                            | 144/160   | Blank/4xring-flange    | 600                     | 400   | 230   | 2                                     | OT160EVUUR3AZ | 1SCA147981R1001 | 21.9                  |
| 110/200                                                                                                                           | 160/200   |                        | 600                     | 400   | 230   | 2                                     | OT200KUUR3AZ  | 1SCA022700R6340 | 23                    |
| 132/250                                                                                                                           | 200/250   |                        | 800                     | 400   | 230   | 2                                     | OT250KUUR3AZ  | 1SCA022725R3190 | 27                    |
| 160/315                                                                                                                           | 250/315   |                        | 800                     | 400   | 230   | 2                                     | OT315KUUR3AZ  | 1SCA022725R2890 | 27                    |
| 220/400                                                                                                                           | 355/400   |                        | 800                     | 400   | 230   | 2                                     | OT400DUUR3AZ  | 1SCA022700R6420 | 30                    |
| Knock-outs: 9.5mm, 10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm<br>Auxiliary contacts included: 2NO+1NC • Auxiliary contacts max: 2NO+1NC |           |                        |                         |       |       |                                       |               |                 |                       |
| 315/570                                                                                                                           | 560/570   | Blank/8xring-flange    | 1000                    | 800   | 230   | 4                                     | OT630KUUR3AZ  | 1SCA022725R2970 | 50                    |
| 400/720                                                                                                                           | 710/720   |                        | 1000                    | 800   | 230   | 4                                     | OT800EUUR3AZ  | 1SCA022828R0450 | 50                    |
| Knock-outs: 3x10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm<br>Auxiliary contacts included: 2NO+1NC • Auxiliary contacts max: 2NO+1NC      |           |                        |                         |       |       |                                       |               |                 |                       |
| 560/1000                                                                                                                          | 1000/1000 | Blank/8xring-flange    | 1200                    | 800   | 330   | 2                                     | OT1000BUUR3AZ | 1SCA022725R3010 | 73                    |
| 710/1250                                                                                                                          | 1200/1250 |                        | 1200                    | 800   | 330   | 2                                     | OT1250EUUR3AZ | 1SCA103283R1001 | 73                    |

Ring-flanges have to be ordered separately.

The ordering information for ring-flanges, see Accessories for EMC Safety switches.

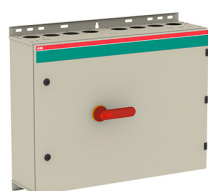
The cables should be shielded to obtain proper EMC protection.

## Ordering information

### Steel sheet enclosed EMC safety switches

#### EMC safety switches with ring-flange cable entries, 6-pole, IP65, red-yellow handle

The delivery includes a red-yellow handle (I-O/ON-OFF) and PE-terminal. Auxiliary contacts are wired to the terminal blocks in sizes 200A...720A. Fixed cable entries with ring-flange entries. Entry plate fixing profiles are used also for mounting the safety switch. Cover interlock and defeatable interlock included.



OT200KTRR6AZ



OT250...315KTRR6AZ

OT630KTRR6AZ  
OT800ETRR6AZ

#### Cable entries from top and bottom

| Max. motor output/<br>AC-23A                                                                                                 |         | Cable<br>openings/side          | Enclosure dimensions |       |       | Cover flanges included<br>[pcs] | Type          | Order number    | Weight /unit<br>kg |
|------------------------------------------------------------------------------------------------------------------------------|---------|---------------------------------|----------------------|-------|-------|---------------------------------|---------------|-----------------|--------------------|
| 415V                                                                                                                         | 690V    |                                 | Height               | Width | Depth |                                 |               |                 |                    |
| kW/A                                                                                                                         | kW/A    |                                 | mm                   | mm    | mm    |                                 |               |                 |                    |
| Knock-outs: 3x10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm<br>Auxiliary contacts included: 2NO+0NC • Auxiliary contacts max: 2NO+2NC |         |                                 |                      |       |       |                                 |               |                 |                    |
| 45/90                                                                                                                        | 75/90   | 4xring-flange/<br>4xring-flange | 400                  | 400   | 230   | 4                               | OT90GTRR6AZ   | 1SCA148603R1001 | 16.4               |
| Auxiliary contacts included: 4NO+2NC • Auxiliary contacts max: 4NO+2NC                                                       |         |                                 |                      |       |       |                                 |               |                 |                    |
| 55/125                                                                                                                       | 110/125 | 4xring-flange/<br>4xring-flange | 400                  | 400   | 230   | 4                               | OT125GTRR6AZ  | 1SCA148601R1001 | 16.4               |
| 80/160                                                                                                                       | 144/160 | 8xring-flange/<br>8xring-flange | 600                  | 800   | 230   | 12                              | OT160EVTRR6AZ | 1SCA148028R1001 | 37                 |
| 110/200                                                                                                                      | 160/200 |                                 | 600                  | 800   | 230   | 12                              | OT200KTRR6AZ  | 1SCA022742R4340 | 37                 |
| 132/250                                                                                                                      | 200/250 |                                 | 800                  | 800   | 230   | 8                               | OT250KTRR6AZ  | 1SCA022742R4420 | 42                 |
| 160/315                                                                                                                      | 250/315 |                                 | 800                  | 800   | 230   | 8                               | OT315KTRR6AZ  | 1SCA022742R4510 | 42                 |
| 220/400                                                                                                                      | 355/400 |                                 | 800                  | 800   | 230   | 8                               | OT400DTRR6AZ  | 1SCA022742R4690 | 45                 |
| 315/570                                                                                                                      | 560/570 |                                 | 1000                 | 800   | 230   | 8                               | OT630KTRR6AZ  | 1SCA022742R4770 | 48                 |
| 400/720                                                                                                                      | 710/720 |                                 | 1000                 | 800   | 230   | 8                               | OT800ETRR6AZ  | 1SCA022828R2820 | 50                 |

Ring-flanges have to be ordered separately.

The ordering information for ring-flanges, see Accessories for EMC Safety switches.

The cables should be shielded to obtain proper EMC protection.

#### Cable entries from bottom

| Max. motor output/<br>AC-23A                                                                                                 |              | Cable<br>openings/side  | Enclosure<br>dimensions |             |             | Cover<br>flanges<br>included<br>[pcs] | Type         | Order number    | Weight<br>/unit<br>kg |
|------------------------------------------------------------------------------------------------------------------------------|--------------|-------------------------|-------------------------|-------------|-------------|---------------------------------------|--------------|-----------------|-----------------------|
| 415V<br>kW/A                                                                                                                 | 690V<br>kW/A |                         | Height<br>mm            | Width<br>mm | Depth<br>mm |                                       |              |                 |                       |
| Knock-outs: 3x10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm<br>Auxiliary contacts included: 4NO+2NC • Auxiliary contacts max: 4NO+2NC |              |                         |                         |             |             |                                       |              |                 |                       |
| 110/200                                                                                                                      | 160/200      | Blank/<br>8xring-flange | 600                     | 800         | 230         | 4                                     | OT200KUUR6AZ | 1SCA022801R7410 | 37                    |
| 110/250                                                                                                                      | 200/250      |                         | 800                     | 800         | 230         | 4                                     | OT250KUUR6AZ | 1SCA022801R7590 | 45                    |
| 160/315                                                                                                                      | 250/315      |                         | 800                     | 800         | 230         | 2                                     | OT315KUUR6AZ | 1SCA022805R3120 | 42                    |
| 220/400                                                                                                                      | 355/400      |                         | 800                     | 800         | 230         | 2                                     | OT400DUUR6AZ | 1SCA022805R3980 | 48                    |
| 315/570                                                                                                                      | 560/570      |                         | 1000                    | 800         | 330         | 2                                     | OT630KUUR6AZ | 1SCA022842R9780 | 85                    |

Ring-flanges have to be ordered separately.

The ordering information for ring-flanges, see Accessories for EMC Safety switches.

The cables should be shielded to obtain proper EMC protection.









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# Enclosed switch-disconnectors

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## Enclosed switch-disconnectors

### Overview



| Plastic, IP65, black / red-yellow handle types       |                      |     | Side operated |     |     | Front operated |  |  |
|------------------------------------------------------|----------------------|-----|---------------|-----|-----|----------------|--|--|
| Switch-disconnectors from 16 to 800 Amperes          |                      |     | BW_16..._25   |     |     | BW_40          |  |  |
| Rated operational current, AC22A, up to 690V         | 2-pole               | [A] | 25*           | 40* |     |                |  |  |
|                                                      | 3-pole               | [A] | 16*           | 25* | 40* |                |  |  |
|                                                      | 4-pole               | [A] | 25*           | 40* |     |                |  |  |
|                                                      | 6-pole               | [A] | -             | -   | 25* | 40*            |  |  |
| Switch fuses, BS / DIN -types from 32 to 400 Amperes |                      |     |               |     |     |                |  |  |
| Rated operational current, AC22A, up to 690V         | 3-pole, BS type      | [A] |               |     |     |                |  |  |
|                                                      | 4-pole, BS type      | [A] |               |     |     |                |  |  |
|                                                      | 3-, 4-pole, DIN type | [A] |               |     |     |                |  |  |

\* 500V



| Plastic, IP65, black / red-yellow handle types       |                      |     | DC-switches, DC-21B |    |     |           |    |     |             |      |      |                   |              |          |
|------------------------------------------------------|----------------------|-----|---------------------|----|-----|-----------|----|-----|-------------|------|------|-------------------|--------------|----------|
| Switch-disconnectors from 16 to 800 Amperes          |                      |     | OTP45...63          |    |     | OTP125    |    |     | OT160...800 |      |      | OTDCP16...32S/SA_ |              |          |
| Rated operational current, AC22A, up to 690V         | 2-pole               | [A] | -                   | -  |     |           |    |     |             |      |      | -                 | 660V, 2-pole | 16 25 32 |
|                                                      | 3-pole               | [A] | 63                  | 80 | 125 |           |    | 160 | 200         | 250  | 315  | 400               | 570          | 720      |
|                                                      | 4-pole               | [A] | 63                  | 80 | 125 |           |    | 160 | 200         | 250  | 315  | 400               | 570          | 720      |
|                                                      | 6-pole               | [A] | 45                  | 63 | 125 |           |    | 160 | 200         | 250  | 315  | 400               | 570          | 720      |
| Switch fuses, BS / DIN -types from 32 to 400 Amperes |                      |     |                     |    |     | OS20...32 |    |     | OS32...400  |      |      |                   |              |          |
| Rated operational current, AC22A, up to 690V         | 3-pole, BS type      | [A] |                     |    |     | 20        | 32 | 32* | 63*         | 135* | 200  | 315               | 400          |          |
|                                                      | 4-pole, BS type      | [A] |                     |    |     | 20        | 32 | 32* | 63*         | 100* | 200  |                   |              |          |
|                                                      | 3-, 4-pole, DIN type | [A] |                     |    |     | -         |    | 32* | 63*         | 125* | 135* | 250               | 400          |          |

\* 500V



| Steel sheet, IP65, IP54, black / red-yellow handle types |                      |     | Front operated |    |    |    |              |     |     |  |              |     |      |      |      |     |
|----------------------------------------------------------|----------------------|-----|----------------|----|----|----|--------------|-----|-----|--|--------------|-----|------|------|------|-----|
| Switch-disconnectors from 16 to 1600 Amperes             |                      |     | OT16...63      |    |    |    | OTL100...125 |     |     |  | OT160...1600 |     |      |      |      |     |
| Rated operational current, AC22A, up to 690V             | 3-, 4-pole           | [A] | 16             | 25 | 40 | 63 | 80           | 100 | 125 |  | 125          | 160 | 200  | 250  | 315  | 400 |
|                                                          | 6-pole               | [A] | 16             | 25 | 40 |    |              | 63  | 80  |  | 125          | 160 | 200  | 250  | 315  | 400 |
| Change-over switches from 16 to 800 Amperes              |                      |     |                |    |    |    |              |     |     |  | OT160...800  |     |      |      |      |     |
| Rated operational current, AC22A, up to 690V             | 3-pole               | [A] |                |    |    |    |              |     |     |  | 160          | 200 | 250  | 315  | 400  | 570 |
|                                                          | 4-pole               | [A] |                |    |    |    |              |     |     |  | 160          | 200 | 250  | 315  | 400  | 570 |
| Switch fuses, BS / DIN -types from 20 to 800 Amperes     |                      |     |                |    |    |    |              |     |     |  | OS20...800   |     |      |      |      |     |
| Rated operational current, AC22A, up to 690V             | 2-pole, BS type      | [A] |                |    |    |    |              |     |     |  | 32*          | 63* | 125* | 135* | 200  | 315 |
|                                                          | 3-, 4-pole, BS type  | [A] |                |    |    |    |              |     |     |  | 20*          | 32* | 63*  | 125* | 135* | 200 |
|                                                          | 3-, 4-pole, DIN type | [A] |                |    |    |    |              |     |     |  | 32*          | 63* | 125* | 135* | 250  | 400 |

\* 500V

## Enclosed switch-disconnectors

### Overview



| Stainless steel sheet, IP65, black / red-yellow handle types |            |     | Front operated |    |    |    |    |              |     |
|--------------------------------------------------------------|------------|-----|----------------|----|----|----|----|--------------|-----|
| Switch-disconnectors from 16 to 125 Amperes                  |            |     | OTR16...63     |    |    |    |    | OTR100...125 |     |
| Rated operational current,<br>AC22A, up to 690V              | 3-, 4-pole | [A] | 16             | 25 | 40 | 63 | 80 | 100          | 125 |
|                                                              | 6-pole     | [A] | 16             | 25 | 40 |    |    | 63           | 80  |



| Aluminum, IP65, black / red handle types        |        |     | Side operated |  |        | Front operated |    |     |
|-------------------------------------------------|--------|-----|---------------|--|--------|----------------|----|-----|
| Switch-disconnectors from 25 to 630 Amperes     |        |     | KSE_25        |  | KSE_40 | KSE_63..._125  |    |     |
| Rated operational current,<br>AC22A, up to 500V | 2-pole | [A] | 25            |  | 40     | -              |    |     |
|                                                 | 3-pole | [A] | 25            |  | 40     | 63             | 80 | 125 |
|                                                 | 4-pole | [A] | 25            |  | 40     | 63             | 80 | -   |



| Aluminum, IP65, black / red handle types        |        |     | Fireman's switch |        |
|-------------------------------------------------|--------|-----|------------------|--------|
| Switch-disconnectors from 25 to 630 Amperes     |        |     | KSF_25           | KSF_40 |
| Rated operational current,<br>AC22A, up to 500V | 2-pole | [A] | 25               | -      |
|                                                 | 3-pole | [A] | 25               | 40     |
|                                                 | 4-pole | [A] | 25               | 40     |

## Technical data

### Enclosed switch-disconnectors

#### Enclosed switch-disconnectors, types OTP, OT, OTL and OTR, enclosed change-over switches, types

Technical data according to IEC60529 and IEC 60947-3

| Type/size                                                                                                                              |                  |                 | OT_16   | OT_25   | OT_32                 | OT_45 <sup>1)</sup>  | OT_63 <sup>1)</sup>  | OTR_80_ | OTR_90_ | OT_100  | OTR_125_ | OT_125_ | OT_125G_ | OT_160EV_ | OT_C <sup>3)</sup> 160 |
|----------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------|---------|---------|-----------------------|----------------------|----------------------|---------|---------|---------|----------|---------|----------|-----------|------------------------|
| Rated insulation voltage                                                                                                               |                  | V               | 750     | 750     | 750                   | 750                  | 750                  | 750     | 750     | 750     | 1000     | 750     | 1000     | 1000      | 1000                   |
| Rated thermal current and rated operational current AC20/DC20                                                                          | 40°C             | A               | 25      | 32      | 40                    | 63                   | 80                   | 115     | 125     | 115     | 125      | 125     | 125      | 160       | 160                    |
|                                                                                                                                        | 60°C             | A               | 20      | 25      | 32                    | 50                   | 63                   | 125     | 160     | 80      | 160      | 100     | 125      | 160       | 160                    |
| Rated operational current, AC-21A and AC-22A                                                                                           | up to 415 V      | A               | 16      | 25      | 40                    | 63                   | 80                   | 100     | 125     | 100     | 125      | 125     | 125      | 160       | 160                    |
|                                                                                                                                        | up to 500V       | A               | 16      | 25      | 40                    | 63                   | 80                   | 100     | 125     | 100     | 125      | 125     | 125      | 160       | 160                    |
|                                                                                                                                        | 690V             | A               | 16      | 25      | 40                    | 63                   | 80                   | 100     | 125     | 100     | 125      | 125     | 125      | 160       | 160                    |
| Rated operational current, AC-23A                                                                                                      | up to 415V       | A               | 16      | 20      | 23                    | 45                   | 75                   | 80      | 90      | 80      | 125      | 90      | 125      | 160       | 160                    |
|                                                                                                                                        | 440V             | A               | 16      | 20      | 23                    | 45                   | 63                   | 125     | 125     | 65      | 125      | 78      | 125      | 125       | 160                    |
|                                                                                                                                        | 500V             | A               | 16      | 20      | 23                    | 45                   | 58                   | 60      | 70      | 60      | 125      | 70      | 125      | 160       | 160                    |
|                                                                                                                                        | 690V             | A               | 10      | 11      | 12                    | 20                   | 20                   | 40      | 50      | 40      | 125      | 50      | 125      | 160       | 160                    |
| Rated conditional short-circuit current r.m.s and corresponding cut-off current of the fuse in single-phase test according to IEC60269 | 50kA, 415V       | kA              | 6.5     | 6.5     | 6.5                   | 13                   | 13                   | 16,5    | 16,5    | 16.5    | 24       | 18      | 24       | 24        | 35                     |
|                                                                                                                                        | Fuse size: gG/aM | A               | 40/32   | 40/32   | 40/32                 | 100/80               | 100/80               | 125/100 | 315/315 | 125/125 | 315/315  | 125/100 | 125/100  | 315/315   | 355/315                |
|                                                                                                                                        | 50kA, 690V       | kA              | 4       | 4       | 4                     | 11                   | 11                   | 16,5    | 16,5    | 10      | 24       | 12      | 24       | 24        | 35                     |
|                                                                                                                                        | Fuse size: gG/aM | A               | 25/16   | 25/16   | 25/16                 | 80/63                | 80/63                | 125/100 | 315/315 | 63/63   | 315/315  | 125/100 | 125/100  | 315/315   | 355/315                |
| Rated frequency                                                                                                                        |                  | Hz              | 50/60   | 50/60   | 50/60                 | 50/60                | 50/60                | 50/60   | 50/60   | 50/60   | 50/60    | 50/60   | 50/60    | 50/60     | 50/60                  |
| Cu-wire size suitable for terminal. Terminal bolt size                                                                                 |                  | mm <sup>2</sup> | 0.75-10 | 0.75-10 | 0.75-10 <sup>2)</sup> | 1.5-25 <sup>2)</sup> | 1.5-25 <sup>2)</sup> | 10...70 | 10...70 | 10-70   | 10...70  | 10-70   | 10-70    | 8         | M8x25                  |
| Used switch type                                                                                                                       |                  |                 | OT16_   | OT25_   | OT40_                 | OT63_                | OT80_                | OT100_  | OT125F3 | OT100_  | OT160G03 | OT125G_ | OT160G_  | OT160EV_  | OT160_C                |

| Type/size                                                                                                                              |                  |                 | OT_200  | OT_250  | OT_315  | OT_400  | OT_630   | OT_800   | OT_1000 | OT_1250 | OT_1600 |
|----------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------|---------|---------|---------|---------|----------|----------|---------|---------|---------|
| Rated insulation voltage                                                                                                               |                  | V               | 1000    | 1000    | 1000    | 1000    | 1000     | 1000     | 690     | 690     | 690     |
| Rated thermal current and rated operational current AC20/DC20                                                                          | 40°C             | A               | 200     | 250     | 315     | 400     | 570      | 720      | 1000    | 1250    | 1600    |
|                                                                                                                                        | 60°C             | A               | 200     | 250     | 315     | 320     | 460      | 580      | 900     | 1000    | 1250    |
| Rated operational current, AC-21A and AC-22A                                                                                           | up to 415 V      | A               | 200     | 250     | 315     | 400     | 570      | 720      | 1000    | 1250    | 1600    |
|                                                                                                                                        | up to 500V       | A               | 200     | 250     | 315     | 400     | 570      | 720      | 1000    | 1250    | 1600    |
|                                                                                                                                        | 690V             | A               | 200     | 250     | 315     | 400     | 570      | 720      | 1000    | 1250    | 1600    |
| Rated operational current, AC-23A                                                                                                      | up to 415V       | A               | 200     | 250     | 315     | 400     | 570      | 720      | 1000    | 1250    | 1250    |
|                                                                                                                                        | 440V             | A               | 200     | 250     | 315     | 400     | 570      | 720      | 1000    | 1250    | 1250    |
|                                                                                                                                        | 500V             | A               | 200     | 250     | 315     | 400     | 570      | 720      | 1000    | 1250    | 1250    |
|                                                                                                                                        | 690V             | A               | 200     | 250     | 315     | 400     | 570      | 720      | 1000    | 1250    | 1250    |
| Rated conditional short-circuit current r.m.s and corresponding cut-off current of the fuse in single-phase test according to IEC60269 | 50kA, 415V       | kA              | 35      | 35      | 50.5    | 50.5    | 71.5     | 71.5     | 105     | 105     | 105     |
|                                                                                                                                        | Fuse size: gG/aM | A               | 355/315 | 335/315 | 500/500 | 500/500 | 800/1000 | 800/1000 |         |         |         |
|                                                                                                                                        | 50kA, 690V       | kA              | 35      | 35      | 50.5    | 50.5    | 71.5     | 71.5     | 105     | 105     | 105     |
|                                                                                                                                        | Fuse size: gG/aM | A               | 355/315 | 355/315 | 500/500 | 500/500 | 800/1000 | 800/1000 |         |         |         |
| Rated frequency                                                                                                                        |                  | Hz              | 50/60   | 50/60   | 50/60   | 50/60   | 50/60    | 50/60    | 50/60   | 50/60   | 50/60   |
| Cu-wire size suitable for terminal. Terminal bolt size                                                                                 |                  | mm <sup>2</sup> | M8x25   | M8x25   | M10/30  | M10/30  | M12/40   | M12/40   | M12/60  | M12/60  | M12/60  |
| Used switch type                                                                                                                       |                  |                 | OT200_  | OT250_  | OT315_  | OT400_  | OT630_   | OT800_   | OT1000_ | OT1250_ | OT1600_ |

<sup>1)</sup> Lower ratings on plastic 6-pole versions. See ordering information.

<sup>2)</sup> Please note the maximum diameter of the cable is limited by the cable outlets. See the extension adapters in ordering information of accessories.

<sup>3)</sup> Change-over switches, types OT160ELAA3C/\_4C

## Technical data

### Enclosed switch-disconnectors

#### Enclosed switch-disconnectors, types OKA and KSE, enclosed change-over switches, types

Technical data according to IEC60529 and IEC 60947-3

| Type / size                                                                                                                           |                  |                 | OKA16S_   | OKA25S_   | OKA40S_   | OKA63S_  | KSE_63_  | KSE_80_  | KSE_125_ |
|---------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------|-----------|-----------|-----------|----------|----------|----------|----------|
| Rated insulation voltage                                                                                                              |                  | V               | 750       | 750       | 750       | 750      | 750      | 750      | 750      |
| Rated thermal current and rated operational current, AC20/DC20                                                                        | 40°C             | A               | 25        | 32        | 40        | 80       | 63       | 80       | 125      |
|                                                                                                                                       | 60°C             | A               | 20        | 26        | 32        | 64       | 50       | 64       | 100      |
| Rated operational current, AC-21A and AC-22A                                                                                          | up to 415V       | A               | 16        | 25        | 40        | 63       | 63       | 80       | 100      |
|                                                                                                                                       | up to 500V       | A               | 16        | 25        | 40        | 63       | 63       | 80       | 100      |
|                                                                                                                                       | 690V             | A               | 16        | 25        | 40        | 63       | 63       | 80       | 100      |
| Rated operational power and current, AC-23A                                                                                           | up to 415V       | kW/A            | 7.5/16    | 11/20     | 11/23     | 22/63    | 22/45    | 37/75    | 45/80    |
|                                                                                                                                       | up to 500V       | kW/A            | 7.5/16    | 11/20     | 11/23     | 22/45    | 22/45    | 37/58    | 45/60    |
|                                                                                                                                       | 690V             | kW/A            | 7.5/10    | 11/11     | 11/12     | 15/20    | 15/20    | 18.5/20  | 45/40    |
| Rated conditional short-circuit current r.m.s and corresponding cut-off current of the fuse in singlephase test according to IEC60269 | 50kA, 415V       | kA              | 6.5       | 6.5       | 6.5       | 13       | 13       | 13       | 16.5     |
|                                                                                                                                       | Fuse size: gG/aM | A               | 40/32     | 40/33     | 40/34     | 100/80   | 100/80   | 100/80   | 125/125  |
|                                                                                                                                       | 50kA, 690V       | kA              | 6.5       | 6.5       | 6.5       | 13       | 13       | 13       | 16.5     |
|                                                                                                                                       | Fuse size: gG/aM | A               | 25/16     | 25/17     | 25/18     | 80/63    | 80/63    | 80/63    | 125/100  |
| Rated frequency                                                                                                                       |                  | Hz              | 50/60     | 50/60     | 50/60     | 50/60    | 50/60    | 50/60    | 50/60    |
| Cu-wire size suitable for terminal                                                                                                    |                  | mm <sup>2</sup> | 0.75...10 | 0.75...10 | 0.75...10 | 1.5...35 | 1.5...35 | 1.5...35 | 10...70  |
| Used switch type                                                                                                                      |                  |                 | OT40F3    | OT63F3    | OT63F3    | OT80F3   | OT63F3   | OT80F3   | OT125F3  |

| Type / size                                                                                                                           |                  |                 | OKA125_   | OKA160_   | OKA200_   | OKA250_   | KSE_63_   | KSE_80_   | KSE_125_   |
|---------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| Rated insulation voltage                                                                                                              |                  | V               | 1000      | 1000      | 1000      | 1000      | 1000      | 1000      | 1000       |
| Rated thermal current and rated operational current, AC20/DC20                                                                        | 40°C             | A               | 125       | 160       | 200       | 250       | 315       | 400       | 600        |
|                                                                                                                                       | 60°C             | A               | 100       | 128       | 160       | 200       | 252       | 320       | 480        |
| Rated operational current, AC-21A and AC-22A                                                                                          | up to 415V       | A               | 125       | 160       | 200       | 250       | 315       | 400       | 600        |
|                                                                                                                                       | up to 500V       | A               | 125       | 160       | 200       | 250       | 315       | 400       | 600        |
|                                                                                                                                       | 690V             | A               | 125       | 160       | 200       | 250       | 315       | 400       | 600        |
| Rated operational power and current, AC-23A                                                                                           | up to 415V       | kW/A            | 88/105    | 88/135    | 180/200   | 180/250   | 180/315   | 230/400   | 355/552    |
|                                                                                                                                       | up to 500V       | kW/A            | 112/70    | 112/125   | 220/200   | 220/250   | 220/315   | 280/400   | 400/552    |
|                                                                                                                                       | 690V             | kW/A            | 144/50    | 144/80    | 315/200   | 315/250   | 315/315   | 400/400   | 630/552    |
| Rated conditional short-circuit current r.m.s and corresponding cut-off current of the fuse in singlephase test according to IEC60269 | 100kA, 500V      | kA              | 40.5      | 40.5      | 61.5      | 61.5      | 61.5      | 61.5      | 90         |
|                                                                                                                                       | Fuse size: gG/aM | A               | 315A/315A | 315A/315A | 500A/450A | 500A/450A | 500A/450A | 500A/450A | 800A/1000A |
|                                                                                                                                       | 50kA, 690V       | kA              | 40.5      | 40.5      | 61.5      | 61.5      | 61.5      | 61.5      | 90         |
|                                                                                                                                       | Fuse size: gG/aM | A               | 355A/315A | 355A/315A | 500A/500A | 500A/500A | 500A/500A | 500A/500A | 800A/1000A |
| Rated frequency                                                                                                                       |                  | Hz              | 50/60     | 50/60     | 50/60     | 50/60     | 50/60     | 50/60     | 50/60      |
| Cu-wire size suitable for terminal. Terminal bolt size                                                                                |                  | mm <sup>2</sup> | 8         | 8         | 10        | 10        | 10        | 10        | 12         |
| Used switch type                                                                                                                      |                  |                 | OT160EV12 | OT160EV12 | OT315E03  | OT315E03  | OT315E03  | OT400E03  | OT630E03   |

## Technical data

### Enclosed switch-disconnectors

#### Enclosed switch-disconnectors, types BW, KSE and KSF

Technical data according to IEC60529 and IEC 60947-3

| Type/size                                                                                                                              |                  |                 | BW<br>_16 | BW<br>KSE<br>KSF<br>_25 | BW<br>KSE<br>KSF<br>240 | BW<br>KSE<br>KSF<br>_40 | KSE<br>_63 | KSE<br>_80 |
|----------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------|-----------|-------------------------|-------------------------|-------------------------|------------|------------|
| Rated insulation voltage                                                                                                               |                  | V               | 690       | 690                     | 690                     | 690                     | 750        | 750        |
| Rated thermal current and rated operational current AC20/DC20                                                                          | 40°C             | A               | 16        | 25                      | 40                      | 40                      | 63         | 80         |
|                                                                                                                                        | 60°C             | A               |           |                         |                         |                         | 50         | 63         |
| Rated operational current, AC-21A and AC-22A                                                                                           | 400V             | A               | 16        | 25                      | 40                      | 40                      | 63         | 80         |
|                                                                                                                                        | 500V             | A               | 16        | 25                      | 40                      | 40                      | 63         | 80         |
|                                                                                                                                        | 690V             | A               | 16        | 16                      | 32                      | 32                      | 63         | 80         |
| Rated operational current, AC-23A                                                                                                      | up to 415 V      | A               | 16        | 16                      | 32                      | 25                      | 45         | 75         |
|                                                                                                                                        | 440V             | A               | 16        | 16                      | 25                      | 25                      | 45         | 65         |
|                                                                                                                                        | 500V             | A               | 10        | 16                      | 25                      | 25                      | 45         | 58         |
|                                                                                                                                        | 690V             | A               | 10        | 10                      | 16                      | 16                      | 20         | 20         |
| Rated conditional short-circuit current r.m.s and corresponding cut-off current of the fuse in single-phase test according to IEC60269 | 25kA, 500V       | kA              | 4.8       | 4.8                     | 4.8                     | 4.8                     |            |            |
|                                                                                                                                        | 50kA, 415V       | kA              | 50/50     | 50/50                   | 50/50                   | 50/50                   |            |            |
|                                                                                                                                        | Fuse size: gG/aM | A               |           |                         |                         |                         |            |            |
| Rated frequency                                                                                                                        |                  | Hz              | 50/60     | 50/60                   | 50/60                   | 50/60                   | 50/60      | 50/60      |
| Cu-wire size suitable for terminal                                                                                                     |                  | mm <sup>2</sup> | 1-10      | 1-10                    | 1-10                    | 1-10                    | 1.5-35     | 1.5-35     |
| Terminal bolt size                                                                                                                     |                  |                 |           |                         |                         |                         |            |            |

#### Enclosed switch-disconnectors, ONE20\_

Technical data according to IEC 60947-3

| Data according to IEC 60947-3                                             |                    |                 | ONE20M2_      | ONE20M3_      | ONE20M4_      |
|---------------------------------------------------------------------------|--------------------|-----------------|---------------|---------------|---------------|
| Impulse withstand voltage, U <sub>imp</sub>                               |                    | kV              | 6             | 6             | 6             |
| Operating temperature                                                     |                    |                 | -30°C...+60°C | -30°C...+60°C | -30°C...+60°C |
| Rated operational voltage, U <sub>e</sub>                                 |                    | V               | 240           | 415           | 415           |
| Rated insulation voltage                                                  | Pollution degree 3 | V               | 690           | 690           | 690           |
| Rated thermal current and rated operational current AC20/DC20             | Ambient 40°C       | A               | 20            | 20            | 20            |
| Rated operational current, AC-21A and AC-22A                              | 240V               | A               | 20            | 20            | 20            |
|                                                                           | up to 415V         | A               |               | 20            | 20            |
| Rated operational current, AC-23A                                         | 230V               | A/kW            | 15.2/2.6      | 15.2/2.6      | 15.2/2.6      |
|                                                                           | up to 400V         | A/kW            |               | 15.2/7.5      | 15.2/7.5      |
| Rated operational current and power, AC-3A                                | 230V               | A/kW            | 11.3/2.2      | 11.3/2.2      | 11.3/2.2      |
|                                                                           | up to 400V         | A/kW            |               | 11.3/5.5      | 11.3/5.5      |
| Rated operational short circuit current, I <sub>p</sub> (rms), with fuses |                    | kA              | 1             | 1             | 1             |
| Maximum back-up fuse link                                                 |                    | A               | 20            | 20            | 20            |
| Cu-wire size suitable for terminal                                        |                    | mm <sup>2</sup> | 0.5-4         | 0.5-4         | 0.5-4         |
| Cable for compression glands, min-max diameter                            |                    | mm              | 7-12          | 7-12          | 7-12          |



## Technical data

### Enclosed switch-disconnectors (DC)

#### Enclosed switch-disconnectors, type OTDCP, DC switches

Technical data according to IEC 60947

| Switch size                                     |                                | A  | OTDCP16 | OTDCP25 | OTDCP32 |
|-------------------------------------------------|--------------------------------|----|---------|---------|---------|
| Rated insulation voltage                        | Pollution degree 2             | V  | 1250    | 1250    | 1250    |
|                                                 | Pollution degree 3             | V  | 1000    | 1000    | 1000    |
| Dielectric strength                             | 50 Hz 1 min                    | kV | 6       | 6       | 6       |
| Rated impulse withstand voltage                 |                                | kV | 8       | 8       | 8       |
| Rated thermal current $I_{th}$                  |                                |    |         |         |         |
| DC-20                                           | In enclosure 40°C              | A  | 25      | 32      | 45      |
|                                                 | In enclosure 60°C              | A  | 25      | 32      | 32      |
| Rated operational current / poles in series     | 660 V                          | A  | 16/2    | 25/2    | 32/2    |
| DC-21B                                          | 1000 V                         | A  | 16/3    | 25/3    | 32/3    |
|                                                 | 1000 V / 2x660 V <sup>1)</sup> | A  | 16/4    | 25/4    | 32/4    |
| Rated short-time withstand current, 1000 V, 1 s | R.M.S. -value $I_{cw}$         | kA | 0.4     | 0.6     | 0.8     |
| Power loss / pole                               | At rated current               | W  | 0.15    | 0.3     | 0.5     |

<sup>1)</sup> 1000 V with all the poles connected in series, 600 V with 2 poles in series

#### Color codes of the enclosures / enclosed switch-disconnectors

|                               | Color code/cover | Color code/box |
|-------------------------------|------------------|----------------|
| <b>Plastic enclosures</b>     |                  |                |
| BW, grey cover                | RAL 7012         | RAL 7035       |
| BW, light grey cover          | RAL 7035         | RAL 7035       |
| BW, yellow cover              | RAL 1021         | RAL 7035       |
| OTP and OT, grey enclosure    | RAL 7035         | RAL 7035       |
| <b>Steel sheet enclosures</b> |                  |                |
| OTL                           | RAL 7035         | RAL 7035       |
| OT                            | NCS 1704-Y15R    | NCS 1704-Y15R  |

## Technical data

### Fire rated enclosed switch-disconnectors

#### Enclosed switch-disconnectors, types OKA and OKL class F200 and F300.

Technical data according to IEC 60529 and IEC 60947-3

| Type/size                                                                                                                              |                  | OKA20_                  | OKA40_                  | OK_63_                 | OKA80_                 | OKL100_               | OKL125_F2_            | OKL125_F3_            |
|----------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------|-------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|
| Rated insulation voltage                                                                                                               |                  | 750 V                   | 750 V                   | 750 V                  | 750 V                  | 750 V                 | 750 V                 | 750 V                 |
| Rated thermal current and rated operational current AC20/DC20                                                                          | 40°C             | 20 A                    | 40 A                    | 63 A                   | 80 A                   | 100 A                 | 125 A                 | 125 A                 |
|                                                                                                                                        | 60°C             | 16 A                    | 32 A                    | 50 A                   | 63 A                   | 75 A                  | 100 A                 | 100 A                 |
| Rated operational current, AC-21A and AC-22A                                                                                           | 415 V            | 20 A                    | 40 A                    | 63 A                   | 80 A                   | 100 A                 | 125 A                 | 125 A                 |
|                                                                                                                                        | up to 500V       | 20 A                    | 40 A                    | 63 A                   | 80 A                   | 100 A                 | 125 A                 | 125 A                 |
|                                                                                                                                        | 690V             | 20 A                    | 40 A                    | 63 A                   | 80 A                   | 100 A                 | 125 A                 | 125 A                 |
| Rated operational current, AC-23A                                                                                                      | 415 V            | 20 A                    | 23 A                    | 63 A                   | 75 A                   | 80 A                  | 90 A                  | 125 A                 |
|                                                                                                                                        | 500V             | 20 A                    | 23 A                    | 45 A                   | 58 A                   | 60 A                  | 70 A                  | 125 A                 |
|                                                                                                                                        | 690V             | 12 A                    | 12 A                    | 20 A                   | 20 A                   | 40 A                  | 50 A                  | 125 A                 |
| Rated conditional short-circuit current r.m.s and corresponding cut-off current of the fuse in single-phase test according to IEC60269 | 50kA, 415V       | 7 kA                    | 7 kA                    | 13 kA                  | 13 kA                  | 17 kA                 | 18 kA                 | 24 kA                 |
|                                                                                                                                        | Fuse size: gG/aM | 40 A/32 A               | 40 A/32 A               | 100 A/80 A             | 100 A/80 A             | 125 A/125 A           | 125 A/100 A           | 200 A/250 A           |
|                                                                                                                                        | 50kA, 690V       | 4 kA                    | 4 kA                    | 11 kA                  | 11 kA                  | 10 kA                 | 12 kA                 | 24 kA                 |
|                                                                                                                                        | Fuse size: gG/aM | 25 A/16 A               | 25 A/16 A               | 80 A/63 A              | 80 A/63 A              | 63 A/63 A             | 125 A/100 A           | 200 A/250 A           |
| Rated frequency                                                                                                                        |                  | 50 Hz/60 Hz             | 50 Hz/60 Hz             | 50 Hz/60 Hz            | 50 Hz/60 Hz            | 50 Hz/60 Hz           | 50 Hz/60 Hz           | 50 Hz/60 Hz           |
| Cu-wire size suitable for terminal.                                                                                                    |                  | 0.75-10 mm <sup>2</sup> | 0.75-10 mm <sup>2</sup> | 1.5-25 mm <sup>2</sup> | 1.5-25 mm <sup>2</sup> | 10-70 mm <sup>2</sup> | 10-70 mm <sup>2</sup> | M8x25 mm <sup>2</sup> |
| Terminal bolt size                                                                                                                     |                  |                         |                         |                        |                        |                       |                       |                       |
| Used switch type                                                                                                                       |                  | OT40_                   | OT40_                   | OT63_                  | OT80_                  | OT100_                | OT125F_               | OT160EV_              |

| Type/size                                                                                                                              |                  | OKL160_               | OKL200_               | OKL250_               | OKL315_                | OKL400_                | OKL570_                | OKL720_                |
|----------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|
| Rated insulation voltage                                                                                                               |                  | 1000 V                | 1000 V                | 1000 V                | 1000 V                 | 1000 V                 | 1000 V                 | 1000 V                 |
| Rated thermal current and rated operational current AC20/DC20                                                                          | 40°C             | 160 A                 | 200 A                 | 250 A                 | 315 A                  | 400 A                  | 570 A                  | 720 A                  |
|                                                                                                                                        | 60°C             | 125 A                 | 200 A                 | 250 A                 | 315 A                  | 320 A                  | 460 A                  | 580 A                  |
| Rated operational current, AC-21A and AC-22A                                                                                           | up to 415 V      | 160 A                 | 200 A                 | 250 A                 | 315 A                  | 400 A                  | 570 A                  | 720 A                  |
|                                                                                                                                        | up to 500V       | 160 A                 | 200 A                 | 250 A                 | 315 A                  | 400 A                  | 570 A                  | 720 A                  |
|                                                                                                                                        | 690V             | 160 A                 | 200 A                 | 250 A                 | 315 A                  | 400 A                  | 570 A                  | 720 A                  |
| Rated operational current, AC-23A                                                                                                      | up to 415V       | 160 A                 | 200 A                 | 250 A                 | 315 A                  | 400 A                  | 570 A                  | 720 A                  |
|                                                                                                                                        | 440V             | 160 A                 | 200 A                 | 250 A                 | 315 A                  | 400 A                  | 570 A                  | 720 A                  |
|                                                                                                                                        | 500V             | 160 A                 | 200 A                 | 250 A                 | 315 A                  | 400 A                  | 570 A                  | 720 A                  |
|                                                                                                                                        | 690V             | 160 A                 | 200 A                 | 250 A                 | 315 A                  | 400 A                  | 570 A                  | 720 A                  |
| Rated conditional short-circuit current r.m.s and corresponding cut-off current of the fuse in single-phase test according to IEC60269 | 100kA, 500V      | 24 kA                 | 40.5 kA               | 40.5 kA               | 59 kA                  | 59 kA                  | 90 kA                  | 90 kA                  |
|                                                                                                                                        | Fuse size: gG/aM | 200 A/250 A           | 355 A/315 A           | 335 A/315 A           | 500 A/500 A            | 500 A/500 A            | 800 A/1000 A           | 800 A/1000 A           |
|                                                                                                                                        | 50kA, 690V       | 24 kA                 | 35 kA                 | 35 kA                 | 51 kA                  | 51 kA                  | 72 kA                  | 72 kA                  |
|                                                                                                                                        | Fuse size: gG/aM | 200 A/250 A           | 355 A/315 A           | 355 A/315 A           | 500 A/500 A            | 500 A/500 A            | 800 A/1000 A           | 800 A/1000 A           |
| Rated frequency                                                                                                                        |                  | 50 Hz/60 Hz           | 50 Hz/60 Hz           | 50 Hz/60 Hz           | 50 Hz/60 Hz            | 50 Hz/60 Hz            | 50 Hz/60 Hz            | 50 Hz/60 Hz            |
| Terminal bolt size                                                                                                                     |                  | M8x25 mm <sup>2</sup> | M8x25 mm <sup>2</sup> | M8x25 mm <sup>2</sup> | M10x30 mm <sup>2</sup> | M10x30 mm <sup>2</sup> | M12x40 mm <sup>2</sup> | M12x40 mm <sup>2</sup> |
| Used switch type                                                                                                                       |                  | OT160EV_              | OT200_                | OT250_                | OT315_                 | OT400_                 | OT630_                 | OT800_                 |

## Technical data

### Fire rated enclosed switch-disconnectors

#### Enclosed switch-disconnectors, types OKA and OKL class F400.

Technical data according to IEC 60529 and IEC 60947-3

| Type/size                                                                                                                              |                               | OK_25_                   | OK_40_                   | OK_63_                 | OK_100_                | OK_125_                |
|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|--------------------------|--------------------------|------------------------|------------------------|------------------------|
| Rated insulation voltage                                                                                                               |                               | 690 V                    | 690 V                    | 690 V                  | 690 V                  | 690 V                  |
| Rated thermal current and rated operational current AC20/DC20                                                                          | 40°C                          | 25 A                     | 40 A                     | 63 A                   | 100 A                  | 125 A                  |
|                                                                                                                                        | 60°C                          | 20 A                     | 32 A                     | 50 A                   | 80 A                   | 100 A                  |
| Rated operational current, AC-21A and AC-22A                                                                                           | 415 V                         | 25 A                     | 40 A                     | 63 A                   | 94 A                   | 108 A                  |
|                                                                                                                                        | up to 500V                    | 25 A                     | 40 A                     | 63 A                   | 94 A                   | 108 A                  |
|                                                                                                                                        | 690V                          | -                        | -                        | -                      | -                      | -                      |
| Rated operational current, AC-23A                                                                                                      | 415 V                         | 17 A                     | 35 A                     | 49 A                   | 61 A                   | 66 A                   |
|                                                                                                                                        | 500V                          | 17 A                     | 35 A                     | 49 A                   | 61 A                   | 66 A                   |
|                                                                                                                                        | 690V                          | -                        | -                        | -                      | -                      | -                      |
| Rated conditional short-circuit current r.m.s and corresponding cut-off current of the fuse in single-phase test according to IEC60269 | 6kA, 500V<br>Fuse size: gG/aM | 25 A/25A                 | 40 A/32 A                | -                      | -                      | - /100 A               |
| Rated conditional short-circuit current r.m.s and corresponding cut-off current of the fuse in single-phase test according to IEC60269 | 8kA, 500V<br>Fuse size: gG/aM | -                        | -                        | 63 A /63 A             | 100 A/ 100 A           | 125 A/ -               |
| Rated frequency                                                                                                                        |                               | 50 Hz/60 Hz              | 50 Hz/60 Hz              | 50 Hz/60 Hz            | 50 Hz/60 Hz            | 50 Hz/60 Hz            |
| Cu-wire size suitable for terminal                                                                                                     |                               | 2.5...16 mm <sup>2</sup> | 2.5...16 mm <sup>2</sup> | 6...50 mm <sup>2</sup> | 6...50 mm <sup>2</sup> | 6...50 mm <sup>2</sup> |
| Used switch type                                                                                                                       |                               | D1                       | D1                       | D2                     | D2                     | D2                     |

| Type/size                                                                                                                             |                  |    | OKL100_     | OKL125_     | OKL160_     | OKL200_     | OKL250_     | OKL315_     | OKL400_     |
|---------------------------------------------------------------------------------------------------------------------------------------|------------------|----|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Rated insulation voltage                                                                                                              |                  | V  | 1000        | 1000        | 1000        | 1000        | 1000        | 1000        | 1000        |
| Rated thermal current and rated operational current AC20/DC20                                                                         | 40C              | A  | 100         | 125         | 160         | 200         | 250         | 315         | 400         |
|                                                                                                                                       | 60C              | A  | 100         | 125         | 160         | 200         | 250         | 315         | 320         |
| Rated operational current, AC-21A and AC-22A                                                                                          | up to 415V       | A  | 100         | 125         | 160         | 200         | 250         | 315         | 400         |
|                                                                                                                                       | up to 500V       | A  | 100         | 125         | 160         | 200         | 250         | 315         | 400         |
|                                                                                                                                       | 690V             | A  | 100         | 125         | 160         | 200         | 250         | 315         | 400         |
| Rated operational current, AC-23A                                                                                                     | up to 415V       | A  | 100         | 125         | 160         | 200         | 250         | 315         | 400         |
|                                                                                                                                       | 440V             | A  | 100         | 125         | 160         | 200         | 250         | 315         | 400         |
|                                                                                                                                       | up to 500V       | A  | 100         | 125         | 160         | 200         | 250         | 315         | 400         |
|                                                                                                                                       | 690V             | A  | 100         | 125         | 160         | 200         | 250         | 315         | 400         |
| Rated conditional short-circuit current r.m.s and corresponding cut-off current of the fuse in singlephase test according to IEC60269 | 50kA, 415V       | kA | 24          | 24          | 24          | 35          | 35          | 50,5        | 50,5        |
|                                                                                                                                       | Fuse size: gG/aM | A  | 200 A/200 A | 200 A/200 A | 200 A/250 A | 355 A/315 A | 355 A/315 A | 500 A/500 A | 500 A/500 A |
|                                                                                                                                       | 50kA, 690V       | kA | 24          | 24          | 24          | 35          | 35          | 50,5        | 50,5        |
|                                                                                                                                       | Fuse size: gG/aM | A  | 200 A/200 A | 200 A/200 A | 200 A/250 A | 355 A/315 A | 355 A/315 A | 500 A/500 A | 500 A/500 A |
| Rated frequency                                                                                                                       |                  | Hz | 50/60       | 50/60       | 50/60       | 50/60       | 50/60       | 50/60       | 50/60       |
| Cu-wire size suitable for terminal.                                                                                                   |                  | mm | 10          | 10          | 10          | 10          | 10          | 10          | 10          |
| Terminal bolt size                                                                                                                    |                  |    |             |             |             |             |             |             |             |
| Used switch type                                                                                                                      |                  |    | OT315E_     | OT315E_     | OT315E_     | OT315E_     | OT315E_     | OT315E_     | OT400E_     |

## Technical data

### Enclosed switch fuses

#### Enclosed switch fuses, type OS

Technical data according to IEC 60529 and IEC 60947-3

| Type/size                                                                                                               |             |                 | OS20     | OS32     | OS63     | OS125 | OS160 | OS200  |
|-------------------------------------------------------------------------------------------------------------------------|-------------|-----------------|----------|----------|----------|-------|-------|--------|
| Rated insulation voltage                                                                                                |             | V               | 1000     | 1000     | 1000     | 1000  | 1000  | 1000   |
| Rated impulse withstand voltage                                                                                         | $U_{imp}$   | kV              | 12       | 12       | 12       | 12    | 12    | 12     |
| Rated thermal current in ambient                                                                                        | 40°C        | A               | 20       | 32       | 63       | 125   | 160   | 200    |
|                                                                                                                         | 60°C        | A               | 16       | 25       | 50       | 100   | 128   | 160    |
| Rated operational current, AC-22A                                                                                       | up to 500V  | A               | 20       | 32       | 63       | 125   | 160   | 200    |
|                                                                                                                         | 690V        | A               | 20       | 32       | 63       | 125   | 160   | 200    |
| Rated operational current, AC-23A                                                                                       | up to 500V  | A               | 20       | 32       | 63       | 125   | 160   | 200    |
|                                                                                                                         | 690V        | A               | 20       | 32       | 63       | 125   | 160   | 200    |
| Rated conditional short-circuit current r.m.s and corresponding max. allowed cut-off current, peak-values <sup>2)</sup> | 80 kA, 415V | kA              | 9        | 9        | 13.5     | 23.5  | 23.5  | 35     |
|                                                                                                                         | 100kA, 500V | kA              | 8        | 7.5      | 12.5     | 25.5  | 25.5  | 37.5   |
|                                                                                                                         | 50kA, 690V  | kA              | 7        | 6        | 9.5      | 17.5  | 17.5  | 28     |
| Fuse types, IEC 60269-2                                                                                                 | DIN 43620   |                 | -        | -        | 000      | 000   | 000   | -      |
|                                                                                                                         | BS 88       |                 | A1       | A2-A3    | A2-A3    | A2-A4 | A2-A4 | B1-B2  |
| Max. fuse power dissipation                                                                                             |             | W               | 3        | 35       | 75       | 12    | 9     | 22     |
| Used switch fuse size/type OS                                                                                           | DIN-type:   |                 | -        | 32G_     | 63G_     | 125G_ | 160G_ | -      |
|                                                                                                                         | BS-type:    |                 | -20F_    | 32G_     | 63G_     | 125G_ | 160G_ | -200B_ |
| Cu-wire size suitable for terminal                                                                                      |             | mm <sup>2</sup> | 0.5...25 | 0.7...10 | 2.5...25 | M8x25 | M8x25 | M8x25  |
| Terminal bolt size                                                                                                      |             |                 |          |          |          |       |       |        |

#### Enclosed switch fuses, type OS

Technical data according to IEC 60529 and IEC 60947-3

| Type/size                                                                                                               |             |                 | OS250  | OS315  | OS400  | OS630  | OS800  | OS1250 |
|-------------------------------------------------------------------------------------------------------------------------|-------------|-----------------|--------|--------|--------|--------|--------|--------|
| Rated insulation voltage                                                                                                |             | V               | 1000   | 1000   | 1000   | 1000   | 1000   | 1000   |
| Rated impulse withstand voltage                                                                                         | $U_{imp}$   | kV              | 12     | 12     | 12     | 12     | 12     | 12     |
| Rated thermal current in ambient                                                                                        | 40°C        | A               | 250    | 315    | 400    | 630    | 800    | 1000   |
|                                                                                                                         | 60°C        | A               | 200    | 250    | 320    | 530    | 633    | 900    |
| Rated operational current, AC-22A                                                                                       | up to 500V  | A               | 250    | 315    | 400    | 630    | 800    | 1000   |
|                                                                                                                         | 690V        | A               | 250    | 315    | 400    | 630    | 800    | 1000   |
| Rated operational current, AC-23A                                                                                       | up to 500V  | A               | 250    | 315    | 400    | 630    | 800    | 1000   |
|                                                                                                                         | 690V        | A               | 250    | 315    | 400    | 630    | 800    | 1000   |
| Rated conditional short-circuit current r.m.s and corresponding max. allowed cut-off current, peak-values <sup>2)</sup> | 80 kA, 415V | kA              | 40.5   | 44     | 59     | 77     | 77     | 89     |
|                                                                                                                         | 100kA, 500V | kA              | 37.5   |        | 63.5   | 83     | 83     | 105    |
|                                                                                                                         | 80kA, 690V  | kA              | 28     | 48     | 48     | 55     | 55     | 109    |
| Fuse types, IEC 60269-2                                                                                                 | DIN 43620   |                 | 0-1    | -      | 0-2    | 3      | 3      | 4, 4a  |
|                                                                                                                         | BS 88       |                 | -      | B1-B4  | B1-B4  | C1-C2  | C1-C3  |        |
| Max. fuse power dissipation                                                                                             |             | W               | 23     | 32     | 34     | 45     | 55     | 85     |
| Used switch fuse size/type OS                                                                                           | DIN-type:   |                 | -250D_ | -      | -400D_ | -630D_ | -800D_ | 1250D_ |
|                                                                                                                         | BS-type:    |                 | -      | -315B_ | -400D_ | -630B_ | -800B_ |        |
| Cu-wire size suitable for terminal                                                                                      |             | mm <sup>2</sup> | M10x30 | M10x30 | M10x30 | M12x40 | M12x40 | M12x50 |
| Terminal bolt size                                                                                                      |             |                 |        |        |        |        |        |        |

<sup>1)</sup> Utilisation category B

<sup>2)</sup> The cut-off currents refer to single phase fuse tests











## Ordering Information

|            |                                                     |
|------------|-----------------------------------------------------|
| <b>92</b>  | Plastic enclosed switch-disconnectors               |
| <b>107</b> | Steel sheet enclosed switch-disconnectors           |
| <b>117</b> | Stainless steel sheet enclosed switch-disconnectors |
| <b>123</b> | Aluminium enclosed switch-disconnectors             |
| <b>128</b> | Steel sheet enclosed change-over switches           |
| <b>131</b> | Fire rated enclosed switch-disconnectors            |
| <b>138</b> | Plastic enclosed switch fuses                       |
| <b>141</b> | Steel sheet enclosed switch fuses                   |

Ordering information

Plastic enclosed switch-disconnectors

Enclosed switch disconnectors, 2 pole, IP54

Enclosure in robust PBT plastic with metric threaded cable entries. Light grey box with dark grey cover and operating handle. Delivery includes PE terminal and membrane glands (IP54). The cover is interlocked.



BW225DP



BW225WDP



BW240DP



BW240WDP

Cable entries from top and bottom

| Rated current                                                       |        | Cable<br>outlets/side | Dimensions |       |       | Type     | Order number    | Weight<br>/unit<br>kg |
|---------------------------------------------------------------------|--------|-----------------------|------------|-------|-------|----------|-----------------|-----------------------|
| AC-22A                                                              | AC-23A |                       | Height     | Width | Depth |          |                 |                       |
| 415V                                                                | 415V   |                       | mm         | mm    | mm    |          |                 |                       |
| Auxiliary contacts included: none • Auxiliary contacts max: 1NO+0NC |        |                       |            |       |       |          |                 |                       |
| 25                                                                  | 16     | 2xM25 / 2xM25         | 130        | 111   | 60    | BW225DP  | 2CMA142400R1000 | 0.3                   |
| 25                                                                  | 16     |                       | 130        | 111   | 60    | BW225WDP | 2CMA142401R1000 | 0.3                   |
| 40                                                                  | 32     | 2xM32 / 2xM32+M16     | 168        | 138   | 68    | BW240DP  | 2CMA142407R1000 | 0.4                   |
| 40                                                                  | 32     |                       | 168        | 138   | 68    | BW240WDP | 2CMA100851R1000 | 0.4                   |

## Ordering information

### Plastic enclosed switch-disconnectors



BW316TPN



BW325WTPN



BW340TPN



BW340WTPN



BW325KTPN



BW325LTPN

#### Enclosed switch disconnectors, 3 pole, IP54

Enclosure in robust PBT plastic with metric threaded cable entries. Delivery includes neutral and PE terminal and membrane glands (IP54). The cover is interlocked.

##### Cable entries from top and bottom

| Rated current  |                | Cable<br>outlets/side | Dimensions |             |             | Type | Order number | Weight<br>/unit<br>kg |
|----------------|----------------|-----------------------|------------|-------------|-------------|------|--------------|-----------------------|
| AC-22A<br>415V | AC-23A<br>415V |                       | side<br>mm | Width<br>mm | Depth<br>mm |      |              |                       |

##### Light grey enclosure with dark grey operating handle

Auxiliary contacts included: none • Auxiliary contacts max: 1NO+0NC

|    |    |                   |     |     |    |                         |                 |     |
|----|----|-------------------|-----|-----|----|-------------------------|-----------------|-----|
| 16 | 16 | 2xM25 / 2xM25     | 130 | 111 | 60 | BW316TPN                | 2CMA142447R1000 | 0.3 |
| 25 | 16 |                   | 130 | 111 | 60 | BW325TPN                | 2CMA142403R1000 | 0.3 |
| 25 | 16 |                   | 130 | 111 | 60 | BW325WTPN <sup>1)</sup> | 2CMA142402R1000 | 0.3 |
| 40 | 32 | 2xM32 / 2xM32+M16 | 168 | 138 | 68 | BW340TPN                | 2CMA142408R1000 | 0.4 |
| 40 | 32 |                   | 168 | 138 | 68 | BW340WTPN <sup>1)</sup> | 2CMA100852R1000 | 0.3 |

<sup>1)</sup> Light grey cover for commercial/residential design

#### Enclosed switch disconnectors, 3 pole, IP54

Enclosure in robust PBT plastic with metric threaded cable entries. Delivery includes PE+neutral terminal and membrane glands / sealing plugs (IP54). \_L\_ type includes signal lamp.

##### Cable entries from top and bottom

| Rated current  |                | Cable<br>outlets/side | Dimensions   |             |             | Type | Order number | Weight<br>/unit<br>kg |
|----------------|----------------|-----------------------|--------------|-------------|-------------|------|--------------|-----------------------|
| AC-22A<br>415V | AC-23A<br>415V |                       | Height<br>mm | Width<br>mm | Depth<br>mm |      |              |                       |

##### Light grey enclosure with dark grey operating handle

Auxiliary contacts included: none • Auxiliary contacts max: 1NO+0NC

|    |    |               |     |     |    |           |                 |     |
|----|----|---------------|-----|-----|----|-----------|-----------------|-----|
| 25 | 16 | 2xM25 / 2xM25 | 130 | 111 | 60 | BW325KTPN | 2CMA142443R1000 | 0.3 |
| 25 | 16 |               | 130 | 111 | 60 | BW325LTPN | 2CMA142404R1000 | 0.3 |

## Ordering information

### Plastic enclosed switch-disconnectors



BW425TPSN



BW440TPSN

#### Enclosed switch disconnectors, 4 pole, IP65

Enclosure in robust PBT plastic with metric threaded cable entries. Delivery includes PE and switchable neutral terminal and membrane glands. The cover is interlocked.

##### Cable entries from top and bottom

| Rated current |        | Cable<br>outlets/side | Dimensions |       |       | Type | Order number | Weight<br>/unit<br>kg |
|---------------|--------|-----------------------|------------|-------|-------|------|--------------|-----------------------|
| AC-22A        | AC-23A |                       | Height     | Width | Depth |      |              |                       |
| 415V          | 415V   |                       | mm         | mm    | mm    |      |              |                       |

##### Light grey enclosure with dark grey operating handle

Auxiliary contacts included: none • Auxiliary contacts max: 1NO+0NC

|    |    |                   |     |     |    |            |                 |     |
|----|----|-------------------|-----|-----|----|------------|-----------------|-----|
| 25 | 16 | 2xM25 / 2xM25     | 130 | 111 | 60 | BW425TPSN  | 2CMA142405R1000 | 0.3 |
| 25 | 16 | 2xM25 / 2xM25     | 130 | 111 | 60 | BW425WTPSN | 2CMA100850R1000 | 0.3 |
| 40 | 32 | 2xM32 / 2xM32+M16 | 168 | 138 | 68 | BW440TPSN  | 2CMA142409R1000 | 0.4 |
| 40 | 32 | 2xM32 / 2xM32+M16 | 168 | 138 | 68 | BW440WTPSN | 2CMA100853R1000 | 0.3 |

#### Enclosed switch disconnectors, 6 pole, IP65

Enclosure in robust PBT plastic with non-threaded cable entries. Delivery includes PE+neutral terminal and membrane glands (IP54).

##### Cable entries from top and bottom

| Rated current |        | Cable<br>outlets/side | Dimensions |       |       | Type | Order number | Weight<br>/unit<br>kg |
|---------------|--------|-----------------------|------------|-------|-------|------|--------------|-----------------------|
| AC-22A        | AC-23A |                       | Height     | Width | Depth |      |              |                       |
| 415V          | 415V   |                       | mm         | mm    | mm    |      |              |                       |

##### Light grey box with dark grey cover and operating handle

Auxiliary contacts included: none • Auxiliary contacts max: 1NO+0NC

|    |    |                |     |     |     |          |                 |     |
|----|----|----------------|-----|-----|-----|----------|-----------------|-----|
| 25 | 16 | 2xø25.5+ø16.5/ | 130 | 190 | 130 | BW625TPN | 2CMA142406R1000 | 0.5 |
| 40 | 25 | 2xø25.5+ø16.5  | 130 | 190 | 130 | BW640TPN | 2CMA142410R1000 | 0.5 |



BW625TPN



## Ordering information

### Plastic enclosed switch-disconnectors



ONE20M\_G



ONE20M\_Y



ONE20M\_W

#### Enclosed switch-disconnectors 2, 3 and 4 pole, IP67

The delivery includes a padlockable handle for 3 padlocks (I-O/ON-OFF). Threaded knock out holes for cable entry. Cover is not interlocked. The 2 pole types includes PE terminal. The 3 and 4 pole types include N and PE terminals. Does not include auxiliary contacts. Cable glands included.

##### Cable entries from top and bottom

| Poles | Rated current  |                | Cable<br>outlets/side | Dimensions   |             |             | Type | Order number | Weight<br>/unit<br>kg |
|-------|----------------|----------------|-----------------------|--------------|-------------|-------------|------|--------------|-----------------------|
|       | AC-22A<br>415V | AC-23A<br>400V |                       | Height<br>mm | Width<br>mm | Depth<br>mm |      |              |                       |

##### Grey round handle

|   |    |      |               |    |    |    |          |                 |     |
|---|----|------|---------------|----|----|----|----------|-----------------|-----|
| 2 | 20 | 15.2 | 2xM20 / 2xM20 | 92 | 65 | 84 | ONE20M2G | 1SCA135532R1001 | 0.1 |
| 3 | 20 | 15.2 |               | 92 | 65 | 84 | ONE20M3G | 1SCA135535R1001 | 0.1 |
| 4 | 20 | 15.2 |               | 92 | 65 | 84 | ONE20M4G | 1SCA135538R1001 | 0.1 |

##### Red/yellow round handle

|   |    |      |               |    |    |    |          |                 |     |
|---|----|------|---------------|----|----|----|----------|-----------------|-----|
| 2 | 20 | 15.2 | 2xM20 / 2xM20 | 92 | 65 | 84 | ONE20M2Y | 1SCA135533R1001 | 0.1 |
| 3 | 20 | 15.2 |               | 92 | 65 | 84 | ONE20M3Y | 1SCA135536R1001 | 0.1 |
| 4 | 20 | 15.2 |               | 92 | 65 | 84 | ONE20M4Y | 1SCA135540R1001 | 0.1 |

##### White round handle

|   |    |      |               |    |    |    |          |                 |     |
|---|----|------|---------------|----|----|----|----------|-----------------|-----|
| 2 | 20 | 15.2 | 2xM20 / 2xM20 | 92 | 65 | 84 | ONE20M2W | 1SCA138456R1001 | 0.1 |
| 3 | 20 | 15.2 |               | 92 | 65 | 84 | ONE20M3W | 1SCA138457R1001 | 0.1 |
| 4 | 20 | 15.2 |               | 92 | 65 | 84 | ONE20M4W | 1SCA138459R1001 | 0.1 |

## Ordering information

### Plastic enclosed switch-disconnectors



OTU16...32B3MS2,  
OTU16...32B4MS2



OTU45...63B3MS3,  
OTU45...63B4MS3



OTU100...125B3MS4  
OTU100...125B4MS4



OTU16...32BA3MS2,  
OTU16...32BA4MS2



OTU45...63BA3MS3,  
OTU45...63BA4MS3



OTU100...125BA3MS4  
OTU100...125BA4MS4

#### Enclosed switch disconnectors, 3 pole, IP65

The delivery includes a handle (I-O/ON-OFF), N- and PE-terminals. Knock out holes for cable entry. Padlockable handle for 3 padlocks. Cover is not interlocked.

##### Cable entries from top and bottom

| Rated current  |                | Cable<br>outlets/side | Dimensions   |             |             | Type | Order number | Weight<br>/unit<br>kg |
|----------------|----------------|-----------------------|--------------|-------------|-------------|------|--------------|-----------------------|
| AC-22A<br>415V | AC-23A<br>415V |                       | Height<br>mm | Width<br>mm | Depth<br>mm |      |              |                       |

##### Black round handle

Auxiliary contacts included: none • Auxiliary contacts max: 2NO+2NC

|     |    |                   |     |     |     |             |                 |     |
|-----|----|-------------------|-----|-----|-----|-------------|-----------------|-----|
| 16  | 16 | 2xø25.5 / 2xø25.5 | 161 | 100 | 115 | OTU16B3MS2  | 1SCA132665R1001 | 0.4 |
| 25  | 20 |                   | 161 | 100 | 115 | OTU25B3MS2  | 1SCA132666R1001 | 0.4 |
| 32  | 23 |                   | 161 | 100 | 115 | OTU32B3MS2  | 1SCA132667R1001 | 0.4 |
| 45  | 45 | 2xø40.5 / 2xø40.5 | 200 | 146 | 139 | OTU45B3MS3  | 1SCA132685R1001 | 0.8 |
| 63  | 63 |                   | 200 | 146 | 139 | OTU63B3MS3  | 1SCA132686R1001 | 0.8 |
| 100 | 80 |                   | 300 | 210 | 136 | OTU100B3MS4 | 1SCA160360R1001 | 1.9 |
| 125 | 90 | 2xø40.5+ø20.5     | 300 | 210 | 136 | OTU125B3MS4 | 1SCA160364R1001 | 1.9 |

##### Red-yellow round handle

Auxiliary contacts included: none • Auxiliary contacts max: 2NO+2NC

|     |    |                   |     |     |     |              |                 |     |
|-----|----|-------------------|-----|-----|-----|--------------|-----------------|-----|
| 16  | 16 | 2xø25.5 / 2xø25.5 | 161 | 100 | 115 | OTU16BA3MS2  | 1SCA128505R1001 | 0.4 |
| 25  | 20 |                   | 161 | 100 | 115 | OTU25BA3MS2  | 1SCA128504R1001 | 0.4 |
| 32  | 23 |                   | 161 | 100 | 115 | OTU32BA3MS2  | 1SCA132669R1001 | 0.4 |
| 45  | 45 | 2xø40.5 / 2xø40.5 | 200 | 146 | 139 | OTU45BA3MS3  | 1SCA132687R1001 | 0.8 |
| 63  | 63 |                   | 200 | 146 | 139 | OTU63BA3MS3  | 1SCA132688R1001 | 0.8 |
| 100 | 80 |                   | 300 | 210 | 136 | OTU100BA3MS4 | 1SCA160362R1001 | 1.9 |
| 125 | 90 | 2xø40.5+ø20.5     | 300 | 210 | 136 | OTU125BA3MS4 | 1SCA160366R1001 | 1.9 |

#### Enclosed switch disconnectors, 4 pole, IP65

The delivery includes a handle (I-O/ON-OFF), N- and PE-terminals. Knock out holes for cable entry. Padlockable handle for 3 padlocks. Cover is not interlocked.

##### Cable entries from top and bottom

| Rated current  |                | Cable<br>outlets/side | Dimensions   |             |             | Type | Order number | Weight<br>/unit<br>kg |
|----------------|----------------|-----------------------|--------------|-------------|-------------|------|--------------|-----------------------|
| AC-22A<br>415V | AC-23A<br>415V |                       | Height<br>mm | Width<br>mm | Depth<br>mm |      |              |                       |

##### Black round handle

Auxiliary contacts included: none • Auxiliary contacts max: 2NO+2NC

|     |    |                   |     |     |     |             |                 |     |
|-----|----|-------------------|-----|-----|-----|-------------|-----------------|-----|
| 16  | 16 | 2xø25.5 / 2xø25.5 | 161 | 100 | 115 | OTU16B4MS2  | 1SCA132674R1001 | 0.4 |
| 25  | 20 |                   | 161 | 100 | 115 | OTU25B4MS2  | 1SCA132678R1001 | 0.4 |
| 32  | 23 |                   | 161 | 100 | 115 | OTU32B4MS2  | 1SCA132681R1001 | 0.4 |
| 45  | 45 | 2xø40.5 / 2xø40.5 | 200 | 146 | 139 | OTU45B4MS3  | 1SCA132689R1001 | 0.8 |
| 63  | 63 |                   | 200 | 146 | 139 | OTU63B4MS3  | 1SCA132690R1001 | 0.8 |
| 100 | 80 |                   | 300 | 210 | 136 | OTU100B4MS4 | 1SCA160361R1001 | 1.9 |
| 125 | 90 | 2xø40.5+ø20.5     | 300 | 210 | 136 | OTU125B4MS4 | 1SCA160365R1001 | 1.9 |

##### Red-yellow round handle

Auxiliary contacts included: none • Auxiliary contacts max: 2NO+2NC

|     |    |                   |     |     |     |              |                 |     |
|-----|----|-------------------|-----|-----|-----|--------------|-----------------|-----|
| 16  | 16 | 2xø25.5 / 2xø25.5 | 161 | 100 | 115 | OTU16BA4MS2  | 1SCA132682R1001 | 0.4 |
| 25  | 20 |                   | 161 | 100 | 115 | OTU25BA4MS2  | 1SCA132683R1001 | 0.4 |
| 32  | 23 |                   | 161 | 100 | 115 | OTU32BA4MS2  | 1SCA132684R1001 | 0.4 |
| 45  | 45 | 2xø40.5 / 2xø40.5 | 200 | 146 | 139 | OTU45BA4MS3  | 1SCA132691R1001 | 0.8 |
| 63  | 63 |                   | 200 | 146 | 139 | OTU63BA4MS3  | 1SCA132692R1001 | 0.8 |
| 100 | 80 |                   | 300 | 210 | 136 | OTU100BA4MS4 | 1SCA160363R1001 | 1.9 |
| 125 | 90 | 2xø40.5+ø20.5     | 300 | 210 | 136 | OTU125BA4MS4 | 1SCA160367R1001 | 1.9 |

## Ordering information

### Plastic enclosed switch-disconnectors



OTP16HB3M,  
OTP16HB3M25



OTP16B3M,  
OTP16B3M25



OTP25...32B3M



OTP45...63B3M



OTP100...125B3M



OTP100...125B3U



OT160EVFCC3B



OT200...315KFCC3B



OT630...800KFCC3B

#### Enclosed switch-disconnectors, 3 pole, black handle, IP65

The delivery includes a handle (I-O/ON-OFF), N- and PE-terminals. The products with round handle have interlocked cover. The products with selector handle and pistol handle have interlocked cover and defeatable interlock.

##### Cable entries from top and bottom

| Rated current  |                | Cable<br>outlets/side | Dimensions   |             |             | Type | Order number | Weight<br>/unit<br>kg |
|----------------|----------------|-----------------------|--------------|-------------|-------------|------|--------------|-----------------------|
| AC-22A<br>415V | AC-23A<br>415V |                       | Height<br>mm | Width<br>mm | Depth<br>mm |      |              |                       |

##### Round handle

Two membrane cable glands and two pull stoppers. Threaded knock-outs.

Auxiliary contacts included: none • Auxiliary contacts max: 1NO+1NC

|    |    |               |     |    |    |             |                 |     |
|----|----|---------------|-----|----|----|-------------|-----------------|-----|
| 16 | 16 | 2xM20 / 2xM20 | 120 | 85 | 60 | OTP16HB3M   | 1SCA022401R2970 | 0.4 |
| 16 | 16 | 2xM25 / 2xM25 | 120 | 85 | 60 | OTP16HB3M25 | 1SCA022699R3690 | 0.4 |

##### Selector handle

Two membrane cable glands and two pull stoppers. Threaded knock-outs.

Auxiliary contacts included: none • Auxiliary contacts max: 1NO+1NC

|    |    |               |     |    |    |            |                 |     |
|----|----|---------------|-----|----|----|------------|-----------------|-----|
| 16 | 16 | 2xM20 / 2xM20 | 120 | 85 | 60 | OTP16B3M   | 1SCA022383R2130 | 0.4 |
| 16 | 16 | 2xM20 / 2xM20 | 120 | 85 | 60 | OTP16B3M25 | 1SCA022699R2880 | 0.4 |

##### Selector handle

Auxiliary contacts included: none • Auxiliary contacts max: 2NO+2NC

|     |    |                       |     |     |     |           |                 |     |
|-----|----|-----------------------|-----|-----|-----|-----------|-----------------|-----|
| 25  | 20 | 2xM25+M16 / 2xM25+M16 | 150 | 130 | 60  | OTP25B3M  | 1SCA022383R2640 | 0.5 |
| 40  | 23 | 2xM25+M16 / 2xM25+M16 | 150 | 130 | 60  | OTP32B3M  | 1SCA022389R8400 | 0.5 |
| 63  | 45 | 2xM32+M16 / 2xM32+M16 | 200 | 145 | 90  | OTP45B3M  | 1SCA022383R3020 | 0.9 |
| 80  | 75 | 2xM32+M16 / 2xM32+M16 | 200 | 145 | 90  | OTP63B3M  | 1SCA022383R3450 | 0.9 |
| 100 | 80 | 2xM50+M16 / 2xM50+M16 | 400 | 200 | 140 | OTP100B3M | 1SCA126054R1001 | 2.4 |
| 125 | 90 | 2xM50+M16 / 2xM50+M16 | 400 | 200 | 140 | OTP125B3M | 1SCA022812R7180 | 2.4 |

##### Selector handle

Auxiliary contacts included: none • Auxiliary contacts max: 2NO+2NC

|     |    |               |     |     |     |           |                 |     |
|-----|----|---------------|-----|-----|-----|-----------|-----------------|-----|
| 25  | 20 | Blank / Blank | 150 | 130 | 60  | OTP25B3U  | 1SCA103605R1001 | 0.5 |
| 63  | 45 |               | 200 | 145 | 90  | OTP45B3U  | 1SCA022629R2120 | 0.9 |
| 80  | 75 |               | 200 | 145 | 90  | OTP63B3U  | 1SCA103703R1001 | 0.9 |
| 100 | 80 |               | 400 | 200 | 140 | OTP100B3U | 1SCA126056R1001 | 2.4 |
| 125 | 90 |               | 400 | 200 | 140 | OTP125B3U | 1SCA022401R3270 | 2.4 |

Auxiliary contacts included: none • Auxiliary contacts max: 2NO+2NC

|     |    |                     |     |     |     |           |                 |     |
|-----|----|---------------------|-----|-----|-----|-----------|-----------------|-----|
| 100 | 80 | I-flange / I-flange | 400 | 200 | 140 | OTP100B3B | 1SCA126055R1001 | 2.4 |
| 125 | 90 | I-flange / I-flange | 400 | 200 | 140 | OTP125B3B | 1SCA022383R3700 | 2.4 |

##### Pistol handle

Auxiliary contacts included: none • Auxiliary contacts max: 2NO+1NC

|     |     |                           |     |     |     |              |                 |      |
|-----|-----|---------------------------|-----|-----|-----|--------------|-----------------|------|
| 160 | 160 | II-flange / II-flange     | 380 | 280 | 130 | OT160EVFCC3B | 1SCA148615R1001 | 4.0  |
| 200 | 200 |                           | 560 | 380 | 180 | OT200KFCC3B  | 1SCA022278R1510 | 9.0  |
| 250 | 250 |                           | 560 | 380 | 180 | OT250KFCC3B  | 1SCA022278R2150 | 9.0  |
| 315 | 315 |                           | 560 | 380 | 180 | OT315KFCC3B  | 1SCA022278R2740 | 9.0  |
| 400 | 400 | 2xII-flange / 2xII-flange | 380 | 280 | 130 | OT400DFCC3B  | 1SCA022278R3390 | 16.0 |
| 570 | 570 |                           | 760 | 560 | 250 | OT630KFCC3B  | 1SCA022278R3980 | 20.0 |
| 720 | 720 |                           | 760 | 560 | 250 | OT800KFCC3B  | 1SCA022303R0310 | 20.0 |

Threaded knock-outs, compression glands have to be ordered separately  
Knock-out flanges, flanges have to be ordered separately.

## Ordering information

### Plastic enclosed switch-disconnectors



OTP16...32B4M



OTP125B4M



OT200...315KFCC4B



OT630...800KFCC4B



OTP45...63B4M



OT160EVFCC4B



OT400DFCC4B

#### Enclosed switch-disconnectors, 4 pole, black handle, IP65

The delivery includes a handle (I-O/ON-OFF), N- and PE-terminals.  
Includes black handle with cover interlock and defeatable interlock function.

##### Cable entries from top and bottom

| Rated current |        | Cable<br>outlets/side | Dimensions |       |       | Type | Order number | Weight<br>/unit<br>kg |
|---------------|--------|-----------------------|------------|-------|-------|------|--------------|-----------------------|
| AC-22A        | AC-23A |                       | Height     | Width | Depth |      |              |                       |
| 415V          | 415V   |                       | mm         | mm    | mm    |      |              |                       |

##### Selector handle

Auxiliary contacts included: none • Auxiliary contacts max: 2NO+2NC

|     |    |                       |     |     |     |           |                 |     |
|-----|----|-----------------------|-----|-----|-----|-----------|-----------------|-----|
| 16  | 16 | 2xM25+M16 / 2xM25+M16 | 150 | 130 | 60  | OTP16B4M  | 1SCA022401R4160 | 0.6 |
| 25  | 20 |                       | 150 | 130 | 60  | OTP25B4M  | 1SCA022401R4320 | 0.6 |
| 40  | 23 |                       | 150 | 130 | 60  | OTP32B4M  | 1SCA022401R4590 | 0.6 |
| 63  | 45 | 2xM32+M16 / 2xM32+M16 | 200 | 145 | 90  | OTP45B4M  | 1SCA022401R4750 | 1.0 |
| 80  | 75 |                       | 200 | 145 | 90  | OTP63B4M  | 1SCA022401R4910 | 1.0 |
| 125 | 90 | 2xM50+M16 / 2xM50+M16 | 400 | 200 | 140 | OTP125B4M | 1SCA022812R7260 | 2.5 |

##### Selector handle. Blank cable entry.

Auxiliary contacts included: none • Auxiliary contacts max: 2NO+2NC

|     |    |               |     |     |     |           |                 |     |
|-----|----|---------------|-----|-----|-----|-----------|-----------------|-----|
| 25  | 20 | Blank / Blank | 150 | 130 | 60  | OTP25B4U  | 1SCA111455R1001 | 0.6 |
| 63  | 45 |               | 200 | 145 | 90  | OTP45B4U  | 1SCA115872R1001 | 1.0 |
| 80  | 75 |               | 200 | 145 | 90  | OTP63B4U  | 1SCA116044R1001 | 1.0 |
| 125 | 90 |               | 400 | 200 | 140 | OTP125B4U | 1SCA022401R5300 | 2.5 |

Auxiliary contacts included: none • Auxiliary contacts max: 2NO+2NC

|     |     |                     |     |     |     |           |                 |     |
|-----|-----|---------------------|-----|-----|-----|-----------|-----------------|-----|
| 125 | 125 | I-flange / I-flange | 400 | 200 | 140 | OTP125B4B | 1SCA022401R5210 | 2,5 |
| 125 | 125 |                     | 400 | 200 | 140 | OTP125B4B | 1SCA022571R8510 | 2,5 |

##### Pistol handle

Auxiliary contacts included: none • Auxiliary contacts max: 2NO+1NC

|     |     |                           |     |     |     |              |                 |      |
|-----|-----|---------------------------|-----|-----|-----|--------------|-----------------|------|
| 160 | 160 | II-flange / II-flange     | 380 | 280 | 130 | OT160EVFCC4B | 1SCA148617R1001 | 4.0  |
| 200 | 200 |                           | 560 | 380 | 180 | OT200KFCC4B  | 1SCA022530R4450 | 9.0  |
| 250 | 250 |                           | 560 | 380 | 180 | OT250KFCC4B  | 1SCA022530R4530 | 9.0  |
| 315 | 315 |                           | 560 | 380 | 180 | OT315KFCC4B  | 1SCA022548R6710 | 9.0  |
| 400 | 400 | 2xII-flange / 2xII-flange | 840 | 380 | 180 | OT400DFCC4B  | 1SCA022609R5480 | 16.0 |
| 570 | 570 |                           | 760 | 560 | 250 | OT630KFCC4B  | 1SCA022584R5700 | 20.0 |
| 720 | 720 |                           | 760 | 560 | 250 | OT800KFCC4B  | 1SCA022609R5560 | 20.0 |

Threaded knock-outs, compression glands have to be ordered separately.  
Knock-out flanges, flanges have to be ordered separately.

## Ordering information

### Plastic enclosed switch-disconnectors



OTP16...32B6M



OTP45...63B6M



OTP125B6M



OTP125B6U

OT200...315KFCC6B,  
OT400DFCC6B

#### Enclosed switch-disconnectors, 6 pole, black handle, IP65

The delivery includes a handle (I-O/ON-OFF), N- and PE-terminals.  
Includes black handle with cover interlock and defeatable interlock function

##### Cable entries from top and bottom

| Rated current |        | Cable<br>outlets/side | Dimensions |       |       | Type | Order number | Weight<br>/unit<br>kg |
|---------------|--------|-----------------------|------------|-------|-------|------|--------------|-----------------------|
| AC-22A        | AC-23A |                       | Height     | Width | Depth |      |              |                       |
| 415V          | 415V   |                       | mm         | mm    | mm    |      |              |                       |

##### Selector handle

Auxiliary contacts included: none • Auxiliary contacts max: 2NO+1NC

|    |    |                       |     |     |    |          |                 |     |
|----|----|-----------------------|-----|-----|----|----------|-----------------|-----|
| 16 | 16 | 2xM25+M16 / 2xM25+M16 | 150 | 130 | 85 | OTP16B6M | 1SCA022401R5560 | 0.7 |
| 25 | 20 |                       | 150 | 130 | 85 | OTP25B6M | 1SCA022401R5720 | 0.7 |
| 40 | 23 |                       | 150 | 130 | 85 | OTP32B6M | 1SCA022401R5990 | 0.7 |

##### Pistol handle. Threaded knock-outs, compression glands have to be ordered separately.

Auxiliary contacts included: none • Auxiliary contacts max: 2NO+2NC

|     |    |                       |     |     |     |           |                 |     |
|-----|----|-----------------------|-----|-----|-----|-----------|-----------------|-----|
| 45  | 45 | 2xM32+M16 / 2xM32+M16 | 200 | 145 | 90  | OTP45B6M  | 1SCA022401R6110 | 1.6 |
| 63  | 63 |                       | 200 | 145 | 90  | OTP63B6M  | 1SCA022401R6370 | 1.6 |
| 125 | 90 | 2xM50+M16 / 2xM50+M16 | 400 | 200 | 140 | OTP125B6M | 1SCA022812R7340 | 3.2 |
| 125 | 90 | Blank / Blank         | 400 | 200 | 140 | OTP125B6U | 1SCA022401R6700 | 3.2 |

Auxiliary contacts included: none • Auxiliary contacts max: 2NO+2NC

|     |     |                     |     |     |     |            |                 |     |
|-----|-----|---------------------|-----|-----|-----|------------|-----------------|-----|
| 125 | 125 | I-flange / I-flange | 400 | 200 | 140 | OTP125B6B  | 1SCA022401R6610 | 3,2 |
| 125 | 125 |                     | 400 | 200 | 140 | OTP125BA6B | 1SCA022401R7510 | 3,2 |

##### Pistol handle. II-flange cable entry.

Auxiliary contacts included: none • Auxiliary contacts max: 2NO+1NC

|     |     |                           |     |     |     |             |                 |      |
|-----|-----|---------------------------|-----|-----|-----|-------------|-----------------|------|
| 200 | 200 | 2xII-flange / 2xII-flange | 760 | 560 | 250 | OT200KFCC6B | 1SCA022325R1750 | 21.0 |
| 250 | 250 |                           | 760 | 560 | 250 | OT250KFCC6B | 1SCA022512R1450 | 21.0 |
| 315 | 315 |                           | 760 | 560 | 250 | OT315KFCC6B | 1SCA022845R2170 | 21.0 |
| 400 | 400 |                           | 760 | 560 | 250 | OT400DFCC6B | 1SCA022325R2130 | 29.0 |



## Ordering information

### Plastic enclosed switch-disconnectors



BW325YTPN, BW340YTPN

#### Enclosed switch-disconnectors, 3 pole, red-yellow, IP65

The delivery includes PE+neutral terminal and membrane glands (IP65). Handle with cover interlock function. Enclosure in robust PBT plastic with metric threaded cable entries. Light grey box with yellow cover and red operating handle.

##### Cable entries from top and bottom

| Rated current                                                   |        | Cable<br>outlets/side | Dimensions |       |       | Type      | Order number    | Weight<br>/unit<br>kg |
|-----------------------------------------------------------------|--------|-----------------------|------------|-------|-------|-----------|-----------------|-----------------------|
| AC-22A                                                          | AC-23A |                       | Height     | Width | Depth |           |                 |                       |
| 415V                                                            | 415V   |                       | mm         | mm    | mm    |           |                 |                       |
| Auxiliary contacts included: none • Auxiliary contacts max: 1NO |        |                       |            |       |       |           |                 |                       |
| 25                                                              | 16     | 2xM25 / 2xM25         | 130        | 111   | 60    | BW325YTPN | 2CMA142441R1000 | 0.3                   |
| 40                                                              | 32     | 2xM32 / 2xM32+M16     | 168        | 138   | 68    | BW340YTPN | 2CMA142445R1000 | 0.4                   |



BW425YTPN, BW440YTPN

#### Enclosed switch-disconnectors, 4 pole, red-yellow, IP65

The delivery includes PE-terminal and membrane glands (IP65). Handle with cover interlock function. Enclosure in robust PBT plastic with metric threaded cable entries. Light grey box with yellow cover and red operating handle.

##### Cable entries from top and bottom

| Rated current                                                   |        | Cable<br>outlets/side | Dimensions |       |       | Type      | Order number    | Weight<br>/unit<br>kg |
|-----------------------------------------------------------------|--------|-----------------------|------------|-------|-------|-----------|-----------------|-----------------------|
| AC-22A                                                          | AC-23A |                       | Height     | Width | Depth |           |                 |                       |
| 415V                                                            | 415V   |                       | mm         | mm    | mm    |           |                 |                       |
| Auxiliary contacts included: none • Auxiliary contacts max: 1NO |        |                       |            |       |       |           |                 |                       |
| 25                                                              | 16     | 2xM25 / 2xM25         | 130        | 111   | 60    | BW425YTPN | 2CMA142444R1000 | 0.3                   |
| 40                                                              | 32     | 2xM32 / 2xM32+M16     | 168        | 138   | 68    | BW440YTPN | 2CMA142446R1000 | 0.4                   |

## Ordering information

### Plastic enclosed switch-disconnectors

#### Enclosed switch-disconnectors, 3 pole, red-yellow handle, IP65

The delivery includes a handle (I-O/ON-OFF), N- and PE-terminals.  
Includes red-yellow handle with cover interlock and defeatable interlock function.



OTP16BA3M,  
OTP16BA3M25



OTP25...32BA3M



OTP45...63BA3M



OTP100...125BA3M



OTP100...125BA3U



OT160EVFCC3BA



OT200...315KFCC3BA



OT400DFCC3BA



OT630...800KFCC3BA

#### Cable entries from top and bottom

| Rated current  |                | Cable<br>outlets/side | Dimensions   |             |             | Type | Order number | Weight<br>/unit<br>kg |
|----------------|----------------|-----------------------|--------------|-------------|-------------|------|--------------|-----------------------|
| AC-22A<br>415V | AC-23A<br>415V |                       | Height<br>mm | Width<br>mm | Depth<br>mm |      |              |                       |

#### Selector handle. Two membrane cable glands and two pull stoppers.

Auxiliary contacts included: none • Auxiliary contacts max: 1NO+1NC

|    |    |               |     |    |    |             |                 |     |
|----|----|---------------|-----|----|----|-------------|-----------------|-----|
| 16 | 16 | 2xM20 / 2xM20 | 120 | 85 | 60 | OTP16BA3M   | 1SCA022401R3350 | 0.4 |
| 16 | 16 | 2xM25 / 2xM25 | 120 | 85 | 60 | OTP16BA3M25 | 1SCA022699R2960 | 0.4 |

#### Selector handle

Auxiliary contacts included: none • Auxiliary contacts max: 2NO+2NC

|     |    |                       |     |     |     |            |                 |     |
|-----|----|-----------------------|-----|-----|-----|------------|-----------------|-----|
| 25  | 20 | 2xM25+M16 / 2xM25+M16 | 150 | 130 | 85  | OTP25BA3M  | 1SCA022401R3430 | 0.5 |
| 40  | 23 |                       | 150 | 130 | 85  | OTP32BA3M  | 1SCA022401R3510 | 0.5 |
| 63  | 45 | 2xM32+M16 / 2xM32+M16 | 200 | 145 | 90  | OTP45BA3M  | 1SCA022401R3600 | 0.9 |
| 80  | 75 |                       | 200 | 145 | 90  | OTP63BA3M  | 1SCA022401R3780 | 0.9 |
| 100 | 80 | 2xM50+M16 / 2xM50+M16 | 400 | 200 | 140 | OTP100BA3M | 1SCA126069R1001 | 2.4 |
| 125 | 90 |                       | 400 | 200 | 140 | OTP125BA3M | 1SCA022812R7420 | 2.4 |

#### Selector handle

Auxiliary contacts included: none • Auxiliary contacts max: 2NO+2NC

|     |    |               |     |     |     |            |                 |     |
|-----|----|---------------|-----|-----|-----|------------|-----------------|-----|
| 100 | 80 | Blank / Blank | 400 | 200 | 140 | OTP100BA3U | 1SCA126057R1001 | 2.4 |
| 125 | 90 |               | 400 | 200 | 140 | OTP125BA3U | 1SCA022401R3940 | 2.4 |

Auxiliary contacts included: none • Auxiliary contacts max: 2NO+2NC

|     |     |                     |     |     |     |            |                 |     |
|-----|-----|---------------------|-----|-----|-----|------------|-----------------|-----|
| 100 | 100 | I-flange / I-flange | 400 | 200 | 140 | OTP100BA3B | 1SCA126067R1001 | 2.4 |
| 125 | 125 |                     | 400 | 200 | 140 | OTP125BA3B | 1SCA022389R7420 | 2.4 |

#### Pistol handle

Auxiliary contacts included: none • Auxiliary contacts max: 2NO+1NC

|     |     |                           |     |     |     |               |                 |      |
|-----|-----|---------------------------|-----|-----|-----|---------------|-----------------|------|
| 160 | 160 | II-flange / II-flange     | 380 | 280 | 130 | OT160EVFCC3BA | 1SCA148616R1001 | 4.0  |
| 200 | 200 |                           | 560 | 380 | 180 | OT200KFCC3BA  | 1SCA022833R9950 | 9.0  |
| 250 | 250 |                           | 560 | 380 | 180 | OT250KFCC3BA  | 1SCA022834R0020 | 9.0  |
| 315 | 315 |                           | 560 | 380 | 180 | OT315KFCC3BA  | 1SCA022834R0110 | 9.0  |
| 400 | 400 | 2xII-flange / 2xII-flange | 840 | 380 | 180 | OT400DFCC3BA  | 1SCA022834R0290 | 16.0 |
| 570 | 570 |                           | 760 | 560 | 250 | OT630KFCC3BA  | 1SCA022834R0370 | 20.0 |
| 720 | 720 |                           | 760 | 560 | 250 | OT800KFCC3BA  | 1SCA022834R0450 | 30.0 |

Knock-out flanges, flanges have to be ordered separately.  
Threaded knock-outs, compression glands have to be ordered separately.

## Ordering information

### Plastic enclosed switch-disconnectors



OTP16...32BA4M



OTP45...63BA4M



OTP125BA4M



OTP125BA4U



OT160EVFCC4BA



OT200...315KFCC4BA



OT400DFCC4BA



OT630...800KFCC4BA

#### Enclosed switch-disconnectors, 4 pole, red-yellow handle, IP65

The delivery includes a red-yellow handle (I-O/ON-OFF) with cover interlock and defeatable interlock function, N- and PE-terminals.

##### Cable entries from top and bottom

| Rated current  |                | Cable<br>outlets/side | Dimensions   |             |             | Type | Order number | Weight<br>/unit<br>kg |
|----------------|----------------|-----------------------|--------------|-------------|-------------|------|--------------|-----------------------|
| AC-22A<br>415V | AC-23A<br>415V |                       | Height<br>mm | Width<br>mm | Depth<br>mm |      |              |                       |

##### Selector handle

Auxiliary contacts included: none • Auxiliary contacts max: 2NO+2NC

|     |    |                       |     |     |     |            |                 |     |
|-----|----|-----------------------|-----|-----|-----|------------|-----------------|-----|
| 16  | 16 | 2xM25+M16 / 2xM25+M16 | 150 | 130 | 85  | OTP16BA4M  | 1SCA022459R6510 | 0.6 |
| 25  | 20 |                       | 150 | 130 | 85  | OTP25BA4M  | 1SCA022459R6600 | 0.7 |
| 40  | 23 |                       | 150 | 130 | 85  | OTP32BA4M  | 1SCA022459R6780 | 0.8 |
| 63  | 45 | 2xM32+M16 / 2xM32+M16 | 200 | 145 | 90  | OTP45BA4M  | 1SCA022459R6860 | 1.0 |
| 80  | 75 |                       | 200 | 145 | 90  | OTP63BA4M  | 1SCA022459R6940 | 1.0 |
| 125 | 90 | 2xM50+M16 / 2xM50+M16 | 400 | 200 | 140 | OTP125BA4M | 1SCA022812R7510 | 2.5 |

##### Selector handle

Auxiliary contacts included: none • Auxiliary contacts max: 2NO+2NC

|     |    |               |     |     |     |            |                 |     |     |
|-----|----|---------------|-----|-----|-----|------------|-----------------|-----|-----|
| 125 | 90 | Blank / Blank | 400 | 200 | 140 | OTP125BA4U | 1SCA022459R7160 | 2.5 | 2.5 |
|-----|----|---------------|-----|-----|-----|------------|-----------------|-----|-----|

##### Pistol handle

Auxiliary contacts included: none • Auxiliary contacts max: 2NO+1NC

|     |     |                           |     |     |     |               |                 |      |
|-----|-----|---------------------------|-----|-----|-----|---------------|-----------------|------|
| 160 | 160 | II-flange / II-flange     | 380 | 280 | 130 | OT160EVFCC4BA | 1SCA148618R1001 | 4.3  |
| 200 | 200 |                           | 560 | 380 | 180 | OT200KFCC4BA  | 1SCA022834R0530 | 9.0  |
| 250 | 250 |                           | 560 | 380 | 180 | OT250KFCC4BA  | 1SCA022834R0610 | 9.0  |
| 315 | 315 |                           | 560 | 380 | 180 | OT315KFCC4BA  | 1SCA022834R0700 | 9.0  |
| 400 | 400 |                           | 840 | 380 | 180 | OT400DFCC4BA  | 1SCA022834R0880 | 16.0 |
| 570 | 570 | 2xII-flange / 2xII-flange | 760 | 560 | 250 | OT630KFCC4BA  | 1SCA022834R1000 | 20.0 |
| 720 | 720 |                           | 760 | 560 | 250 | OT800KFCC4BA  | 1SCA022834R1180 | 30.0 |

Threaded knock-outs, compression glands have to be ordered separately.  
Knock-out flanges, flanges have to be ordered separately.

## Ordering information

### Plastic enclosed switch-disconnectors



OTP16...32BA6M



OTP45...63BA6M



OTP125BA6M



OTP125BA6U

OT200KFCC6BA,  
OT250KFCC6B,  
OT315KFCC6BA,  
OT400DFCC6BA

#### Enclosed switch-disconnectors, 6 pole, red-yellow, IP65

The delivery includes a red-yellow handle (I-O/ON-OFF) with cover interlock and defeatable interlock function, N- and PE-terminals.

##### Cable entries from top and bottom

| Rated current  |                | Cable<br>outlets/side | Dimensions   |             |             | Type | Order number | Weight<br>/unit<br>kg |
|----------------|----------------|-----------------------|--------------|-------------|-------------|------|--------------|-----------------------|
| AC-22A<br>415V | AC-23A<br>415V |                       | Height<br>mm | Width<br>mm | Depth<br>mm |      |              |                       |

##### Selector handle

Auxiliary contacts included: none • Auxiliary contacts max: 2NO+1NC

|    |    |                       |     |     |    |           |                 |     |
|----|----|-----------------------|-----|-----|----|-----------|-----------------|-----|
| 16 | 16 | 2xM25+M16 / 2xM25+M16 | 150 | 130 | 85 | OTP16BA6M | 1SCA022401R6880 | 0.7 |
| 25 | 20 |                       | 150 | 130 | 85 | OTP25BA6M | 1SCA022401R6960 | 0.7 |
| 40 | 23 |                       | 150 | 130 | 85 | OTP32BA6M | 1SCA022401R7000 | 0.7 |

##### Pistol handle

Auxiliary contacts included: none • Auxiliary contacts max: 2NO+2NC

|     |    |                       |     |     |     |            |                 |     |
|-----|----|-----------------------|-----|-----|-----|------------|-----------------|-----|
| 45  | 45 | 2xM32+M16 / 2xM32+M16 | 200 | 145 | 90  | OTP45BA6M  | 1SCA022401R7180 | 1.6 |
| 63  | 63 |                       | 200 | 145 | 90  | OTP63BA6M  | 1SCA022401R7260 | 1.6 |
| 125 | 90 | 2xM50+M16 / 2xM50+M16 | 400 | 200 | 140 | OTP125BA6M | 1SCA022812R7690 | 3.2 |

##### Selector handle

Auxiliary contacts included: none • Auxiliary contacts max: 2NO+2NC

|     |    |               |     |     |     |            |                 |     |
|-----|----|---------------|-----|-----|-----|------------|-----------------|-----|
| 125 | 90 | Blank / Blank | 400 | 200 | 140 | OTP125BA6U | 1SCA022401R7690 | 3.0 |
|-----|----|---------------|-----|-----|-----|------------|-----------------|-----|

##### Pistol handle, II-flange cable entry

Auxiliary contacts included: none • Auxiliary contacts max: 4NO+2NC

|     |     |                           |     |     |     |              |                 |      |
|-----|-----|---------------------------|-----|-----|-----|--------------|-----------------|------|
| 200 | 200 | 2xII-flange / 2xII-flange | 760 | 560 | 250 | OT200KFCC6BA | 1SCA022845R1790 | 21.0 |
| 250 | 250 |                           | 760 | 560 | 250 | OT250KFCC6BA | 1SCA022512R1450 | 21.0 |
| 315 | 315 |                           | 760 | 560 | 250 | OT315KFCC6BA | 1SCA022845R1950 | 21.0 |
| 400 | 400 |                           | 760 | 560 | 250 | OT400DFCC6BA | 1SCA022845R2090 | 29.0 |

Threaded knock-outs, compression glands have to be ordered separately.  
Knock-out flanges, flanges have to be ordered separately.

## Ordering information

### Plastic enclosed switch-disconnectors



OTDCP16...32SA11M



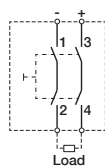
OTDCP16...32S11M



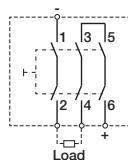
OTDCP16...32SA12M



OTDCP16...32S12M



OTDCP\_11\_



OTDCP\_12\_

#### Enclosed DC switch-disconnectors OTDCP\_, IP65

The delivery includes a handle (I-O/ON-OFF) with cover interlock and defeatable interlock function. Auxiliary contacts not included.

##### Up to 1000 VDC - Cable entries from top and bottom

| Up to 1000 VDC - cable entries from top and bottom |                                          |                       |              |             |             |              |                 |                       |
|----------------------------------------------------|------------------------------------------|-----------------------|--------------|-------------|-------------|--------------|-----------------|-----------------------|
| Poles                                              | Rated current<br>DC-21B<br><1000V<br>[A] | Cable<br>outlets/side | Dimensions   |             |             | Type         | Order number    | Weight<br>/unit<br>kg |
|                                                    |                                          |                       | Height<br>mm | Width<br>mm | Depth<br>mm |              |                 |                       |
| Red-yellow selector handle                         |                                          |                       |              |             |             |              |                 |                       |
| 2                                                  | 16                                       | 2xM20 / 2xM20         | 150          | 95          | 95          | OTDCP16SA11M | 1SCA125126R1001 | 0.6                   |
| 2                                                  | 25                                       |                       | 150          | 95          | 95          | OTDCP25SA11M | 1SCA125127R1001 | 0.6                   |
| 2                                                  | 32                                       |                       | 150          | 95          | 95          | OTDCP32SA11M | 1SCA125128R1001 | 0.6                   |
| Black selector handle                              |                                          |                       |              |             |             |              |                 |                       |
| 2                                                  | 16                                       | 2xM20 / 2xM20         | 150          | 95          | 95          | OTDCP16S11M  | 1SCA125129R1001 | 0.6                   |
| 2                                                  | 25                                       |                       | 150          | 95          | 95          | OTDCP25S11M  | 1SCA125130R1001 | 0.6                   |
| 2                                                  | 32                                       |                       | 150          | 95          | 95          | OTDCP32S11M  | 1SCA125131R1001 | 0.6                   |

##### Up to 1000 VDC - Cable entries from top and bottom

| Poles                      | Rated current<br>DC-21B<br><1000V<br>[A] | Cable outlets/side | Dimensions   |             |             | Type         | Order number    | Weight /unit<br>kg |
|----------------------------|------------------------------------------|--------------------|--------------|-------------|-------------|--------------|-----------------|--------------------|
|                            |                                          |                    | Height<br>mm | Width<br>mm | Depth<br>mm |              |                 |                    |
| Red-yellow selector handle |                                          |                    |              |             |             |              |                 |                    |
| 3                          | 16                                       | 2xM20 / 2xM20      | 150          | 95          | 95          | OTDCP16SA12M | 1SCA125150R1001 | 0.6                |
| 3                          | 25                                       |                    | 150          | 95          | 95          | OTDCP25SA12M | 1SCA125151R1001 | 0.6                |
| 3                          | 32                                       |                    | 150          | 95          | 95          | OTDCP32SA12M | 1SCA125152R1001 | 0.6                |
| Black selector handle      |                                          |                    |              |             |             |              |                 |                    |
| 3                          | 16                                       | 2xM20 / 2xM20      | 150          | 95          | 95          | OTDCP16S12M  | 1SCA125153R1001 | 0.6                |
| 3                          | 25                                       |                    | 150          | 95          | 95          | OTDCP25S12M  | 1SCA125154R1001 | 0.6                |
| 3                          | 32                                       |                    | 150          | 95          | 95          | OTDCP32S12M  | 1SCA125155R1001 | 0.6                |



## Ordering information

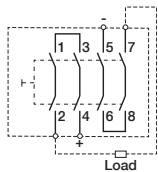
### Plastic enclosed switch-disconnectors



OTDCP16...32SA22M,  
OTDCP16...32SA22M25



OTDCP16...32S22M



OTDCP\_22\_

#### Enclosed DC switch-disconnectors OTDCP\_, IP65

The delivery includes a handle (I-O/ON-OFF) with cover interlock and defeatable interlock function. Auxiliary contacts not included.

##### Up to 1000 VDC - Cable entries from top and bottom

| Poles                      | Rated current<br>DC-21B<br><1000V | Cable<br>outlets/side | Dimensions  |             |    | Type           | Order number    | Weight<br>/unit<br>kg |
|----------------------------|-----------------------------------|-----------------------|-------------|-------------|----|----------------|-----------------|-----------------------|
|                            | Height<br>mm                      |                       | Width<br>mm | Depth<br>mm |    |                |                 |                       |
| Red-yellow selector handle |                                   |                       |             |             |    |                |                 |                       |
| 4                          | 16                                | 2xM20 / 2xM20         | 150         | 95          | 95 | OTDCP16SA22M   | 1SCA125094R1001 | 0.6                   |
| 4                          | 16                                | 2xM25 / 2xM25         | 174         | 95          | 95 | OTDCP16SA22M25 | 1SCA144900R1001 | 0.7                   |
| 4                          | 25                                | 2xM20 / 2xM20         | 150         | 95          | 95 | OTDCP25SA22M   | 1SCA125091R1001 | 0.6                   |
| 4                          | 25                                | 2xM25 / 2xM25         | 174         | 95          | 95 | OTDCP25SA22M25 | 1SCA144902R1001 | 0.7                   |
| 4                          | 32                                | 2xM20 / 2xM20         | 150         | 95          | 95 | OTDCP32SA22M   | 1SCA125090R1001 | 0.6                   |
| 4                          | 32                                | 2xM25 / 2xM25         | 174         | 95          | 95 | OTDCP32SA22M25 | 1SCA144904R1001 | 0.7                   |
| Black selector handle      |                                   |                       |             |             |    |                |                 |                       |
| 4                          | 16                                | 2xM20 / 2xM20         | 150         | 95          | 95 | OTDCP16S22M    | 1SCA125095R1001 | 0.6                   |
| 4                          | 25                                |                       | 150         | 95          | 95 | OTDCP25S22M    | 1SCA125092R1001 | 0.6                   |
| 4                          | 32                                |                       | 150         | 95          | 95 | OTDCP32S22M    | 1SCA125093R1001 | 0.6                   |

<sup>1)</sup> 1000 V with all poles in series, 660 V with 2 poles in series

## Ordering information

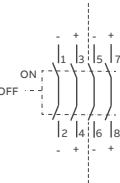
### Plastic enclosed switch-disconnectors



OTDCP16...32SA22MD



OTDCP16...32S22MD



OTDCP\_22MD

#### Enclosed DC switch-disconnectors OTDCP\_, IP65

The delivery includes a handle (I-O/ON-OFF) with cover interlock and defeatable interlock function. Auxiliary contacts not included.

##### Double circuit use, 2 X 660 VDC - Cable entries from top and bottom

| Poles                      | Rated current<br>DC-21B<br><1000V<br>[A] | Cable<br>outlets/side | Dimensions   |             |             | Type          | Order number    | Weight<br>/unit<br>kg |
|----------------------------|------------------------------------------|-----------------------|--------------|-------------|-------------|---------------|-----------------|-----------------------|
|                            |                                          |                       | Height<br>mm | Width<br>mm | Depth<br>mm |               |                 |                       |
| Red-yellow selector handle |                                          |                       |              |             |             |               |                 |                       |
| 4                          | 16                                       | 2xM20 / 2xM20         | 150          | 95          | 95          | OTDCP16SA22MD | 1SCA131850R1001 | 0.6                   |
| 4                          | 25                                       |                       | 150          | 95          | 95          | OTDCP25SA22MD | 1SCA131851R1001 | 0.6                   |
| 4                          | 32                                       |                       | 150          | 95          | 95          | OTDCP32SA22MD | 1SCA131852R1001 | 0.6                   |
| Black selector handle      |                                          |                       |              |             |             |               |                 |                       |
| 4                          | 16                                       | 2xM20 / 2xM20         | 150          | 95          | 95          | OTDCP16S22MD  | 1SCA131730R1001 | 0.6                   |
| 4                          | 25                                       |                       | 150          | 95          | 95          | OTDCP25S22MD  | 1SCA131731R1001 | 0.6                   |
| 4                          | 32                                       |                       | 150          | 95          | 95          | OTDCP32S22MD  | 1SCA131732R1001 | 0.6                   |

## Ordering information

### Steel sheet enclosed switch-disconnectors

#### Enclosed switch-disconnectors, 3 pole, black handle, IP65

The delivery includes a black handle (I-O/ON-OFF), N- and PE-terminals with cover interlock and defeatable interlock function.

#### Cable entries from top and bottom

| Rated current  |                | Cable<br>outlets/side | Dimensions   |             |             | Type | Order number | Weight<br>/unit<br>kg |
|----------------|----------------|-----------------------|--------------|-------------|-------------|------|--------------|-----------------------|
| AC-22A<br>415V | AC-23A<br>415V |                       | Height<br>mm | Width<br>mm | Depth<br>mm |      |              |                       |

#### Selector handle

Auxiliary contacts included: none • Auxiliary contacts max: 2NC

|    |    |                                  |     |     |     |          |                 |     |
|----|----|----------------------------------|-----|-----|-----|----------|-----------------|-----|
| 16 | 16 | 2xø25.5+ø16.5 /<br>2xø25.5+ø16.5 | 200 | 150 | 100 | OTL16B3M | 1SCA022562R1260 | 1.7 |
| 25 | 20 |                                  | 200 | 150 | 100 | OTL25B3M | 1SCA022562R2400 | 1.7 |
| 40 | 23 |                                  | 200 | 150 | 100 | OTL32B3M | 1SCA022562R3630 | 1.7 |

#### Selector handle

Auxiliary contacts included: none • Auxiliary contacts max: 1NO+2NC

|    |    |                                  |     |     |     |          |                 |     |
|----|----|----------------------------------|-----|-----|-----|----------|-----------------|-----|
| 63 | 45 | 2xø32.5+ø16.5 /<br>2xø32.5+ø16.5 | 200 | 150 | 100 | OTL45B3M | 1SCA022562R4790 | 1.9 |
| 80 | 75 |                                  | 200 | 150 | 100 | OTL63B3M | 1SCA022562R5920 | 1.9 |

#### Pistol handle

Auxiliary contacts included: none • Auxiliary contacts max: 1NO+2NC

|     |    |                     |     |     |     |           |                 |     |
|-----|----|---------------------|-----|-----|-----|-----------|-----------------|-----|
| 100 | 80 | B-flange / B-flange | 300 | 200 | 135 | OTL100B3B | 1SCA022562R8350 | 3.4 |
| 125 | 90 |                     | 300 | 200 | 135 | OTL125B3B | 1SCA022562R9590 | 3.4 |

#### Pistol handle. Blank cable entry.

Auxiliary contacts included: none • Auxiliary contacts max: 2NC

|    |    |               |     |     |     |          |                 |     |
|----|----|---------------|-----|-----|-----|----------|-----------------|-----|
| 40 | 23 | Blank / Blank | 300 | 200 | 135 | OTL32B3U | 1SCA127689R1001 | 1.7 |
|----|----|---------------|-----|-----|-----|----------|-----------------|-----|

Auxiliary contacts included: none • Auxiliary contacts max: 1NO+2NC

|     |    |               |     |     |     |           |                 |     |
|-----|----|---------------|-----|-----|-----|-----------|-----------------|-----|
| 80  | 75 | Blank / Blank | 300 | 200 | 135 | OTL63B3U  | 1SCA127686R1001 | 1.9 |
| 100 | 80 |               | 300 | 200 | 135 | OTL100B3U | 1SCA022562R8430 | 3.4 |
| 125 | 90 |               | 300 | 200 | 135 | OTL125B3U | 1SCA022562R9670 | 3.4 |

Cable knock-outs as standard, compression glands and flanges have to be ordered separately.



OTL16...63B3M



OTL100...125B3B



OTL32...125B3U

## Ordering information

### Steel sheet enclosed switch-disconnectors



OT125GLUU3BZ,  
OT160EVLUU3BZ



OT200...315KLUU3BZ



OT1250KLUU3BZ



OT200KAUU3BZ

#### Enclosed switch-disconnectors, 3 pole, black handle, IP65

The delivery includes a black pistol handle (I-O/ON-OFF), N- and PE-terminals. The handle includes cover interlock and defeatable interlock function. Delivery with blank cable entries, which are also used for fixing the enclosed switch.

##### Cable entries from top and bottom

| Rated current                                                       |        | Cable<br>outlets/side | Dimensions |       |       | Type                        | Order number    | Weight<br>/unit<br>kg |
|---------------------------------------------------------------------|--------|-----------------------|------------|-------|-------|-----------------------------|-----------------|-----------------------|
| AC-22A                                                              | AC-23A |                       | Height     | Width | Depth |                             |                 |                       |
| 415V                                                                | 415V   |                       | mm         | mm    | mm    |                             |                 |                       |
| Auxiliary contacts included: none • Auxiliary contacts max: 2NO+1NC |        |                       |            |       |       |                             |                 |                       |
| 125                                                                 | 125    | Blank / Blank         | 400        | 250   | 180   | OT125GLUU3BZ <sup>1)</sup>  | 1SCA148274R1001 | 9.5                   |
| 160                                                                 | 160    |                       | 400        | 250   | 180   | OT160EVLUU3BZ <sup>1)</sup> | 1SCA148267R1001 | 10.4                  |
| 200                                                                 | 200    |                       | 600        | 400   | 230   | OT200KLUU3BZ                | 1SCA022602R0630 | 17.0                  |
| 250                                                                 | 250    |                       | 600        | 400   | 230   | OT250KLUU3BZ                | 1SCA022602R0710 | 17.0                  |
| 315                                                                 | 315    |                       | 600        | 400   | 230   | OT315KLUU3BZ                | 1SCA022572R6010 | 20.0                  |
| 400                                                                 | 400    |                       | 800        | 400   | 230   | OT400DLUU3BZ                | 1SCA022602R0800 | 24.0                  |
| 570                                                                 | 570    |                       | 1000       | 400   | 230   | OT630KLUU3BZ                | 1SCA022750R1510 | 33.0                  |
| 720                                                                 | 720    |                       | 1000       | 400   | 230   | OT800KLUU3BZ                | 1SCA022750R1600 | 33.0                  |
| 1000                                                                | 1000   |                       | 1200       | 800   | 230   | OT1000KLUU3BZ               | 1SCA022750R1780 | 75.0                  |
| 1250                                                                | 1250   |                       | 1200       | 800   | 330   | OT1250KLUU3BZ               | 1SCA022750R1860 | 92.0                  |
| 1600                                                                | 1250   |                       | 1200       | 800   | 330   | OT1600KLUU3BZ               | 1SCA022750R1940 | 94.0                  |

<sup>1)</sup> OT125GLUU3BZ and OT160EVLUU3BZ includes knock out holes:  
10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm, 40.5mm

##### Cable entries bottom-bottom

| Rated current                                                       |        | Cable<br>outlets/side | Dimensions |       |       | Type         | Order number    | Weight<br>/unit<br>kg |
|---------------------------------------------------------------------|--------|-----------------------|------------|-------|-------|--------------|-----------------|-----------------------|
| AC-22A                                                              | AC-23A |                       | Height     | Width | Depth |              |                 |                       |
| 415V                                                                | 415V   |                       | mm         | mm    | mm    |              |                 |                       |
| Auxiliary contacts included: none • Auxiliary contacts max: 2NO+1NC |        |                       |            |       |       |              |                 |                       |
| 200                                                                 | 200    | Blank / Blank         | 600        | 400   | 230   | OT200KAUU3BZ | 1SCA127313R1001 | 23.0                  |
| 250                                                                 | 250    |                       | 800        | 400   | 230   | OT250KAUU3BZ | 1SCA127314R1001 | 27.0                  |

## Ordering information

### Steel sheet enclosed switch-disconnectors



OT125GLCC3BZ,  
OT160EVLCC3BZ



OT200...250KLCC3BZ



OT630KLCC3BZ

#### Enclosed switch-disconnectors, 3 pole, black handle, IP65

The delivery includes a black pistol handle (I-O/ON-OFF), N- and PE-terminals. The handle has cover interlock and defeatable interlock function. The delivery includes C-flange cable plates, which are used also for fixing the enclosed switch-disconnectors. One incoming and one outgoing cables are considered. When more than one cable entry is available, the delivery includes C-flange cover plates.

#### Cable entries from top and bottom

| Rated current |        | Cable<br>outlets/side      | Dimensions |       |       | Cover<br>flanges<br>included<br>[pcs] | Type          | Order number    | Weight<br>/unit<br>kg |
|---------------|--------|----------------------------|------------|-------|-------|---------------------------------------|---------------|-----------------|-----------------------|
| AC-22A        | AC-23A |                            | Height     | Width | Depth |                                       |               |                 |                       |
| 415V          | 415V   |                            | mm         | mm    | mm    |                                       |               |                 |                       |
| 125           | 125    | C-flange / C-flange        | 400        | 250   | 180   | 0                                     | OT125GLCC3BZ  | 1SCA148273R1001 | 9.5                   |
| 160           | 160    |                            | 400        | 250   | 180   | 0                                     | OT160EVLCC3BZ | 1SCA148265R1001 | 10.4                  |
| 200           | 200    | 2xC-flange /<br>2xC-flange | 600        | 400   | 230   | 2                                     | OT200KLCC3BZ  | 1SCA110114R1001 | 17.5                  |
| 250           | 250    |                            | 600        | 400   | 230   | 2                                     | OT250KLCC3BZ  | 1SCA110115R1001 | 17.5                  |
| 570           | 570    |                            | 1000       | 400   | 230   | 2                                     | OT630KLCC3BZ  | 1SCA110121R1001 | 33.0                  |

The cable entry plates contains knock-outs: 10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm  
Auxiliary contacts included: none • Auxiliary contacts max: 2NO+1NC

Cable entry plates, flange covers and flanges have to be ordered separately



## Ordering information

### Steel sheet enclosed switch-disconnectors



OTL16...63B4M



OTL100...125B4B



OTL100...125B4U

#### Enclosed switch-disconnectors, 4 pole, black handle, IP65

The delivery includes a black handle ((I-O/ON-OFF), N- and PE-terminals) with cover interlock and defeatable interlock function

##### Cable entries from top and bottom

| Rated current |        | Cable<br>outlets/side | Dimensions |       |       | Type | Order number | Weight<br>/unit<br>kg |
|---------------|--------|-----------------------|------------|-------|-------|------|--------------|-----------------------|
| AC-22A        | AC-23A |                       | Height     | Width | Depth |      |              |                       |
| 415V          | 415V   |                       | mm         | mm    | mm    |      |              |                       |

##### Selector handle

Auxiliary contacts included: none • Auxiliary contacts max: 2NO+2NC

|    |    |                                  |     |     |     |          |                 |     |
|----|----|----------------------------------|-----|-----|-----|----------|-----------------|-----|
| 16 | 16 |                                  | 200 | 150 | 100 | OTL16B4M | 1SCA022562R4120 | 1.6 |
| 25 | 20 | 2xø25.5+ø16.5 /<br>2xø25.5+ø16.5 | 200 | 150 | 100 | OTL25B4M | 1SCA022562R2660 | 1.7 |
| 40 | 23 |                                  | 200 | 150 | 100 | OTL32B4M | 1SCA022562R3800 | 1.7 |

Auxiliary contacts included: none • Auxiliary contacts max: 2NO+1NC

|    |    |                                  |     |     |     |          |                 |     |
|----|----|----------------------------------|-----|-----|-----|----------|-----------------|-----|
| 63 | 45 | 2xø32.5+ø16.5 /<br>2xø32.5+ø16.5 | 200 | 150 | 100 | OTL45B4M | 1SCA022562R4950 | 1.9 |
| 80 | 75 |                                  | 200 | 150 | 100 | OTL63B4M | 1SCA022562R6140 | 1.9 |

##### Pistol handle

Auxiliary contacts included: none • Auxiliary contacts max: 2NO+2NC

|     |    |                     |     |     |     |           |                 |     |
|-----|----|---------------------|-----|-----|-----|-----------|-----------------|-----|
| 100 | 80 | B-flange / B-flange | 300 | 200 | 135 | OTL100B4B | 1SCA022562R8510 | 3.4 |
| 100 | 80 | Blank / Blank       | 300 | 200 | 135 | OTL100B4U | 1SCA022562R8600 | 3.4 |
| 125 | 90 | B-flange / B-flange | 300 | 200 | 135 | OTL125B4B | 1SCA022562R9830 | 3.4 |
| 125 | 90 | Blank / Blank       | 300 | 200 | 135 | OTL125B4U | 1SCA022562R9910 | 3.4 |

Cable knock-outs as standard, compression glands have to be ordered separately.

## Ordering information

### Steel sheet enclosed switch-disconnectors

#### Enclosed switch-disconnectors, 4 pole, black handle, IP65

The delivery includes a black pistol handle (I-O/ON-OFF), N- and PE-terminals. The handle has cover interlock and defeatable interlock function.



OT125GLUU4BZ,  
OT160EVLUU4BZ



OT200...315KLUU4BZ



OT1250...1600KLUU4BZ



OT125GLCC4BZ,  
OT160EVLCC4BZ

#### Cable entries from top and bottom

| Rated current |        | Cable<br>outlets/side | Dimensions |       |       | Type | Order number | Weight<br>/unit<br>kg |
|---------------|--------|-----------------------|------------|-------|-------|------|--------------|-----------------------|
| AC-22A        | AC-23A |                       | Height     | Width | Depth |      |              |                       |
| 415V          | 415V   |                       | mm         | mm    | mm    |      |              |                       |

#### Blank cable entries, which are used also for fixing the enclosed switch-disconnectors.

Auxiliary contacts included: none • Auxiliary contacts max: 2NO+1NC

|      |      |               |      |     |     |                             |                 |      |
|------|------|---------------|------|-----|-----|-----------------------------|-----------------|------|
| 125  | 125  | Blank / Blank | 400  | 250 | 180 | OT125GLUU4BZ <sup>1)</sup>  | 1SCA148277R1001 | 9.5  |
| 160  | 160  |               | 400  | 250 | 180 | OT160EVLUU4BZ <sup>1)</sup> | 1SCA148270R1001 | 10.6 |
| 200  | 200  |               | 600  | 400 | 230 | OT200KLUU4BZ                | 1SCA022800R5740 | 17.0 |
| 250  | 250  |               | 600  | 400 | 230 | OT250KLUU4BZ                | 1SCA022800R7360 | 17.0 |
| 315  | 315  |               | 600  | 400 | 230 | OT315KLUU4BZ                | 1SCA022801R0070 | 20.0 |
| 400  | 400  |               | 800  | 400 | 230 | OT400DLUU4BZ                | 1SCA022801R0660 | 24.0 |
| 570  | 570  |               | 1000 | 400 | 230 | OT630KLUU4BZ                | 1SCA022830R4490 | 31.0 |
| 720  | 720  |               | 1000 | 400 | 230 | OT800KLUU4BZ                | 1SCA022830R4570 | 31.0 |
| 1000 | 1000 |               | 1200 | 800 | 230 | OT1000KLUU4BZ               | 1SCA104473R1001 | 75.0 |
| 1250 | 1250 |               | 1200 | 800 | 330 | OT1250KLUU4BZ               | 1SCA104455R1001 | 92.0 |
| 1600 | 1250 |               | 1200 | 800 | 330 | OT1600KLUU4BZ               | 1SCA104504R1001 | 96.0 |

#### C-flange cable plates, which are used also for fixing the enclosed switch-disconnectors.

One incoming and one outgoing cable are considered. When more than one cable entry is available, the delivery includes C-flange cover plates.

Auxiliary contacts included: none • Auxiliary contacts max: 2NO+1NC

|     |     |                     |     |     |     |               |                 |      |
|-----|-----|---------------------|-----|-----|-----|---------------|-----------------|------|
| 125 | 125 | C-flange / C-flange | 400 | 250 | 180 | OT125GLCC4BZ  | 1SCA148275R1001 | 9.5  |
| 160 | 160 | C-flange / C-flange | 400 | 250 | 180 | OT160EVLCC4BZ | 1SCA148268R1001 | 10.6 |

<sup>1)</sup> OT125GLUU4BZ and OT160EVLUU4BZ include knock out holes:

10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm, 40.5mm

## Ordering information

### Steel sheet enclosed switch-disconnectors



OTL16...32B6M



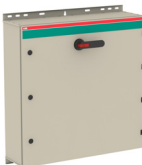
OTL45...63B6B



OTL45...63B6U



OT125GLUU6BZ

OT160EVLUU6BZ,  
OT200KLUU6BZOT250...315KLUU6BZ,  
OT400DLUU6BZ

#### Enclosed switch-disconnectors, 6 pole, black handle, IP65

The delivery includes a black handle (I-O/ON-OFF), N- and PE-terminals. The handle has cover interlock and defeatable interlock function.

##### Cable entries from top and bottom

| Rated current |        | Cable<br>outlets/side | Dimensions |       |       | Type | Order number | Weight<br>/unit<br>kg |
|---------------|--------|-----------------------|------------|-------|-------|------|--------------|-----------------------|
| AC-22A        | AC-23A |                       | Height     | Width | Depth |      |              |                       |
| 415V          | 415V   |                       | mm         | mm    | mm    |      |              |                       |

##### Selector handle

Auxiliary contacts are not included.

|    |    |                                  |     |     |     |          |                 |     |
|----|----|----------------------------------|-----|-----|-----|----------|-----------------|-----|
| 16 | 16 | 2xø25.5+ø16.5 /<br>2xø25.5+ø16.5 | 200 | 150 | 100 | OTL16B6M | 1SCA022562R1690 | 1.8 |
| 25 | 20 |                                  | 200 | 150 | 100 | OTL25B6M | 1SCA022562R2820 | 1.8 |
| 40 | 23 |                                  | 200 | 150 | 100 | OTL32B6M | 1SCA022562R4010 | 1.8 |

##### Pistol handle

Auxiliary contacts included: none • Auxiliary contacts max: 1NO+1NC

|    |    |                     |     |     |     |          |                 |     |
|----|----|---------------------|-----|-----|-----|----------|-----------------|-----|
| 63 | 45 | B-flange / B-flange | 300 | 200 | 135 | OTL45B6B | 1SCA022610R4730 | 3.5 |
| 63 | 45 | Blank / Blank       | 300 | 200 | 135 | OTL45B6U | 1SCA022610R4810 | 3.5 |
| 80 | 75 | B-flange / B-flange | 300 | 200 | 135 | OTL63B6B | 1SCA022610R4900 | 3.5 |
| 80 | 75 | Blank / Blank       | 300 | 200 | 135 | OTL63B6U | 1SCA022610R5030 | 3.5 |

##### Pistol handle

The delivery includes blank cable entries, which are used also for fixing the enclosed switch-disconnectors.

Auxiliary contacts included: none • Auxiliary contacts max: 2NO+2NC

|     |     |               |     |     |     |               |                 |      |
|-----|-----|---------------|-----|-----|-----|---------------|-----------------|------|
| 125 | 125 | Blank / Blank | 400 | 400 | 230 | OT125GLUU6BZ  | 1SCA148482R1001 | 16.4 |
| 160 | 160 |               | 600 | 800 | 230 | OT160EVLUU6BZ | 1SCA148021R1001 | 37.0 |

##### Pistol handle

The delivery includes blank cable entries, which are used also for fixing the enclosed switch-disconnectors.

Auxiliary contacts included: none • Auxiliary contacts max: 4NO+2NC

|     |     |               |      |     |     |              |                 |      |
|-----|-----|---------------|------|-----|-----|--------------|-----------------|------|
| 200 | 200 | Blank / Blank | 600  | 800 | 230 | OT200KLUU6BZ | 1SCA022802R4610 | 35.0 |
| 250 | 250 |               | 800  | 800 | 230 | OT250KLUU6BZ | 1SCA022802R4530 | 40.0 |
| 315 | 315 |               | 800  | 800 | 230 | OT315KLUU6BZ | 1SCA022804R0900 | 43.0 |
| 400 | 400 |               | 800  | 800 | 230 | OT400DLUU6BZ | 1SCA022804R1030 | 43.0 |
| 570 | 570 |               | 1000 | 800 | 230 | OT630KLUU6BZ | 1SCA022834R1260 | 52.0 |
| 720 | 720 |               | 1000 | 800 | 230 | OT800KLUU6BZ | 1SCA022834R1690 | 52.0 |

Cable knock-outs as standard, compression glands have to be ordered separately.

## Ordering information

### Steel sheet enclosed switch-disconnectors

#### Enclosed switch-disconnectors, 6 pole, black handle, IP65

The delivery includes a black pistol handle (I-O/ON-OFF), N- and PE-terminals. The handle has cover interlock and defeatable interlock function.

##### Cable entries from top and bottom - C-flange cable entries

| Rated current |        | Cable        | Dimensions |       |       | Type | Order number | Weight /unit |
|---------------|--------|--------------|------------|-------|-------|------|--------------|--------------|
| AC-22A        | AC-23A |              | Height     | Width | Depth |      |              |              |
| 415V          | 415V   | outlets/side | mm         | mm    | mm    |      |              | kg           |

**C-flange cable plates, which are used also for fixing the enclosed switch-disconnectors.**

One incoming and one outgoing cable are considered. When more than one cable entry is available, the delivery includes C-flange cover plates.

Auxiliary contacts included: none • Auxiliary contacts max: 2NO+1NC

|     |     |                         |     |     |     |               |                 |      |
|-----|-----|-------------------------|-----|-----|-----|---------------|-----------------|------|
| 125 | 125 | 2xC-flange / 2xC-flange | 400 | 400 | 230 | OT125GLCC6BZ  | 1SCA148480R1001 | 16.4 |
| 160 | 160 | 4xC-flange / 4xC-flange | 600 | 800 | 230 | OT160EVLCC6BZ | 1SCA148022R1001 | 37.0 |



OT125GLCC6BZ



OT160EVLCC6BZ

##### Open cable entries

Cable entry plates, flange covers and flanges have to be ordered separately

Auxiliary contacts included: none • Auxiliary contacts max: 2NO+1NC

##### Open cable entries

Auxiliary contacts included: none • Auxiliary contacts max: 4NO+2NC

|     |     |               |      |     |     |              |                 |      |
|-----|-----|---------------|------|-----|-----|--------------|-----------------|------|
| 200 | 200 | Blank / Blank | 600  | 800 | 230 | OT200KLUU6BZ | 1SCA022717R9520 | 17.0 |
| 250 | 250 |               | 800  | 800 | 230 | OT250KLUU6BZ | 1SCA022802R5770 | 34.0 |
| 315 | 315 |               | 800  | 800 | 230 | OT315KLUU6BZ | 1SCA022804R1110 | 37.0 |
| 400 | 400 |               | 800  | 800 | 230 | OT400DLUU6BZ | 1SCA022804R1200 | 37.0 |
| 570 | 570 |               | 1000 | 800 | 230 | OT630KLUU6BZ | 1SCA022834R1420 | 46.0 |
| 720 | 720 |               | 1000 | 800 | 230 | OT800KLUU6BZ | 1SCA022834R1340 | 46.0 |

Cable knock-outs as standard, compression glands have to be ordered separately.

## Ordering information

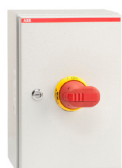
### Steel sheet enclosed switch-disconnectors



OTL16...63BA3M



OTL100...125BA3B



OTL100...125BA3U



OT400DLUU3BAZ

#### Enclosed switch-disconnectors, 3 pole, red-yellow handle, IP65

The delivery includes a red-yellow handle (I-O/ON-OFF), N- and PE-terminals. The handle has cover interlock and defeatable interlock function.

##### Cable entries from top and bottom

| Rated current |        | Cable<br>outlets/side | Dimensions |       |       | Type | Order number | Weight<br>/unit<br>kg |
|---------------|--------|-----------------------|------------|-------|-------|------|--------------|-----------------------|
| AC-22A        | AC-23A |                       | Height     | Width | Depth |      |              |                       |
| 415V          | 415V   |                       | mm         | mm    | mm    |      |              |                       |

##### Selector handle

Auxiliary contacts included: none • Auxiliary contacts max: 2NC

|    |    |                                  |     |     |     |           |                 |     |
|----|----|----------------------------------|-----|-----|-----|-----------|-----------------|-----|
| 16 | 16 | 2xø25.5+ø16.5 /<br>2xø25.5+ø16.5 | 200 | 150 | 100 | OTL16BA3M | 1SCA022562R1850 | 1.7 |
| 25 | 20 |                                  | 200 | 150 | 100 | OTL25BA3M | 1SCA022562R3040 | 1.7 |
| 40 | 23 |                                  | 200 | 150 | 100 | OTL32BA3M | 1SCA022562R4100 | 1.7 |

##### Selector handle

Auxiliary contacts included: none • Auxiliary contacts max: 1NO+2NC

|    |    |                 |     |     |     |           |                 |     |
|----|----|-----------------|-----|-----|-----|-----------|-----------------|-----|
| 63 | 45 | 2xø32.5+ø16.5 / | 200 | 150 | 100 | OTL45BA3M | 1SCA022562R5330 | 1.9 |
| 80 | 75 | 2xø32.5+ø16.5   | 200 | 150 | 100 | OTL63BA3M | 1SCA022562R6570 | 1.9 |

##### Pistol handle

Auxiliary contacts included: none • Auxiliary contacts max: 1NO+2NC

|     |    |                     |     |     |     |            |                 |     |
|-----|----|---------------------|-----|-----|-----|------------|-----------------|-----|
| 100 | 80 | B-flange / B-flange | 300 | 200 | 135 | OTL100BA3B | 1SCA022562R8940 | 3.4 |
| 100 | 80 | Blank / Blank       | 300 | 200 | 135 | OTL100BA3U | 1SCA022562R9080 | 3.4 |
| 125 | 90 | B-flange / B-flange | 300 | 200 | 135 | OTL125BA3B | 1SCA022563R0250 | 3.4 |
| 125 | 90 | Blank / Blank       | 300 | 200 | 135 | OTL125BA3U | 1SCA022563R0330 | 3.4 |

##### Pistol handle

Blank cable entry plates

Auxiliary contacts included: none • Auxiliary contacts max: 2NO+1NC

|     |     |               |      |     |     |               |                 |      |
|-----|-----|---------------|------|-----|-----|---------------|-----------------|------|
| 400 | 400 | Blank / Blank | 800  | 400 | 230 | OT400DLUU3BAZ | 1SCA140694R1001 | 26.0 |
| 720 | 720 |               | 1000 | 400 | 230 | OT800KLUU3BAZ | 1SCA140695R1001 | 33.0 |

Cable knock-outs as standard, compression glands have to be ordered separately.



## Ordering information

### Steel sheet enclosed switch-disconnectors



OTL16...63BA4M



OTL100...125BA4B



OTL100...125BA4U

#### Enclosed switch-disconnectors, 4 pole, red-yellow handle, IP65

The delivery includes a red-yellow handle (I-O/ON-OFF), N- and PE-terminals. The handle has cover interlock and defeatable interlock function.

##### Cable entries from top and bottom

| Rated current |        | Cable<br>outlets/side | Dimensions |       |       | Type | Order number | Weight<br>/unit<br>kg |
|---------------|--------|-----------------------|------------|-------|-------|------|--------------|-----------------------|
| AC-22A        | AC-23A |                       | Height     | Width | Depth |      |              |                       |
| 415V          | 415V   |                       | mm         | mm    | mm    |      |              |                       |

##### Selector handle

Auxiliary contacts included: none • Auxiliary contacts max: 2NO+2NC

|    |    |                                  |     |     |     |           |                 |     |
|----|----|----------------------------------|-----|-----|-----|-----------|-----------------|-----|
| 16 | 16 | 2xø25.5+ø16.5 /<br>2xø25.5+ø16.5 | 200 | 150 | 100 | OTL16BA4M | 1SCA022562R2070 | 1.7 |
| 25 | 20 |                                  | 200 | 150 | 100 | OTL25BA4M | 1SCA022562R3210 | 1.7 |
| 40 | 23 |                                  | 200 | 150 | 100 | OTL32BA4M | 1SCA022562R4360 | 1.7 |

Auxiliary contacts included: none • Auxiliary contacts max: 2NO+1NC

|    |    |                                  |     |     |     |           |                 |     |
|----|----|----------------------------------|-----|-----|-----|-----------|-----------------|-----|
| 63 | 45 | 2xø32.5+ø16.5 /<br>2xø32.5+ø16.5 | 200 | 150 | 100 | OTL45BA4M | 1SCA022562R5500 | 1.9 |
| 80 | 75 |                                  | 200 | 150 | 100 | OTL63BA4M | 1SCA022562R6730 | 1.9 |

##### Pistol handle

Auxiliary contacts included: none • Auxiliary contacts max: 2NO+2NC

|     |    |                     |     |     |     |            |                 |     |
|-----|----|---------------------|-----|-----|-----|------------|-----------------|-----|
| 100 | 80 | B-flange / B-flange | 300 | 200 | 135 | OTL100BA4B | 1SCA022562R9160 | 3.4 |
| 100 | 80 | Blank / Blank       | 300 | 200 | 135 | OTL100BA4U | 1SCA022562R9240 | 3.4 |
| 125 | 90 | B-flange / B-flange | 300 | 200 | 135 | OTL125BA4B | 1SCA022563R0410 | 3.4 |
| 125 | 90 | Blank / Blank       | 300 | 200 | 135 | OTL125BA4U | 1SCA022563R0500 | 3.4 |

## Ordering information

### Steel sheet enclosed switch-disconnectors



OTL16...32BA6M



OTL45...63BA6U



OTL45...63BA6M



OT400DLUU3BAZ

#### Enclosed switch-disconnectors, 6 pole, red-yellow handle, IP65

The delivery includes a red-yellow handle (I-O/ON-OFF), N- and PE-terminals. The handle has cover interlock and defeatable interlock function.

##### Cable entries from top and bottom

| Rated current |        | Cable<br>outlets/side | Dimensions |       |       | Type | Order number | Weight<br>/unit<br>kg |
|---------------|--------|-----------------------|------------|-------|-------|------|--------------|-----------------------|
| AC-22A        | AC-23A |                       | Height     | Width | Depth |      |              |                       |
| 415V          | 415V   |                       | mm         | mm    | mm    |      |              |                       |

##### Selector handle

Auxiliary contacts included: none • Auxiliary contacts max: 0NO+0NC

|    |    |                                  |     |     |     |           |                 |     |
|----|----|----------------------------------|-----|-----|-----|-----------|-----------------|-----|
| 16 | 16 |                                  | 200 | 150 | 100 | OTL16BA6M | 1SCA022562R2230 | 1.8 |
| 25 | 20 | 2xø25.5+ø16.5 /<br>2xø25.5+ø16.5 | 200 | 150 | 100 | OTL25BA6M | 1SCA022562R3470 | 1.8 |
| 40 | 23 |                                  | 200 | 150 | 100 | OTL32BA6M | 1SCA022562R4520 | 1.8 |

##### Pistol handle

Auxiliary contacts included: none • Auxiliary contacts max: 1NO+1NC

|    |    |                     |     |     |     |           |                 |     |
|----|----|---------------------|-----|-----|-----|-----------|-----------------|-----|
| 63 | 45 | B-flange / B-flange | 300 | 200 | 135 | OTL45BA6B | 1SCA022610R5110 | 3.5 |
| 63 | 45 | Blank / Blank       | 300 | 200 | 135 | OTL45BA6U | 1SCA022610R5200 | 3.5 |
| 80 | 75 | B-flange / B-flange | 300 | 200 | 135 | OTL63BA6B | 1SCA022610R5380 | 3.5 |
| 80 | 75 | Blank / Blank       | 300 | 200 | 135 | OTL63BA6U | 1SCA022610R5460 | 3.5 |

Cable knock-outs as standard, compression glands have to be ordered separately.

## Ordering information

### Stainless steel enclosed switch-disconnectors

#### Enclosed switch-disconnectors, 3 pole, black handle, IP65

The delivery includes a black handle (I-O/ON-OFF), N- and PE-terminals. The handle has cover interlock and defeatable interlock function.

##### Cable entries from top and bottom

| Rated current |        | Cable<br>outlets/side | Dimensions |       |       | Type | Order number | Weight<br>/unit<br>kg |
|---------------|--------|-----------------------|------------|-------|-------|------|--------------|-----------------------|
| AC-22A        | AC-23A |                       | Height     | Width | Depth |      |              |                       |
| 415V          | 415V   |                       | mm         | mm    | mm    |      |              |                       |

##### Selector handle

Auxiliary contacts included: none • Auxiliary contacts max: 2NC

|    |    |                                  |     |     |     |          |                 |     |
|----|----|----------------------------------|-----|-----|-----|----------|-----------------|-----|
| 16 | 16 | 2xø25.5+ø16.5 /<br>2xø25.5+ø16.5 | 200 | 150 | 100 | OTR16B3M | 1SCA022567R9420 | 1.7 |
| 25 | 20 |                                  | 200 | 150 | 100 | OTR25B3M | 1SCA022567R9690 | 1.7 |
| 40 | 23 |                                  | 200 | 150 | 100 | OTR32B3M | 1SCA022567R9850 | 1.7 |

##### Selector handle

Auxiliary contacts included: none • Auxiliary contacts max: 1NO+2NC

|    |    |                                  |     |     |     |          |                 |     |
|----|----|----------------------------------|-----|-----|-----|----------|-----------------|-----|
| 63 | 45 | 2xø32.5+ø16.5 /<br>2xø32.5+ø16.5 | 200 | 150 | 100 | OTR45B3M | 1SCA022567R0010 | 1.9 |
| 80 | 75 |                                  | 200 | 150 | 100 | OTR63B3M | 1SCA022567R0270 | 1.9 |

Cable knock-outs as standard, compression glands have to be ordered separately.

##### Pistol handle

Auxiliary contacts included: none • Auxiliary contacts max: 1NO+2NC

|     |    |                     |     |     |     |           |                 |     |
|-----|----|---------------------|-----|-----|-----|-----------|-----------------|-----|
| 100 | 80 | B-flange / B-flange | 300 | 200 | 135 | OTR100B3B | 1SCA022568R0510 | 3.4 |
| 100 | 80 | Blank / Blank       | 300 | 200 | 135 | OTR100B3U | 1SCA022568R0600 | 3.4 |
| 125 | 90 | B-flange / B-flange | 300 | 200 | 135 | OTR125B3B | 1SCA022568R0780 | 3.4 |
| 125 | 90 | Blank / Blank       | 300 | 200 | 135 | OTR125B3U | 1SCA022568R0860 | 3.4 |

##### Pistol handle

Auxiliary contacts included: none • Auxiliary contacts max: 2NC

|    |    |               |     |     |     |          |                 |     |
|----|----|---------------|-----|-----|-----|----------|-----------------|-----|
| 16 | 16 | Blank / Blank | 300 | 200 | 135 | OTR16B3U | 1SCA127690R1001 | 1.7 |
|----|----|---------------|-----|-----|-----|----------|-----------------|-----|

##### Pistol handle

Auxiliary contacts included: none • Auxiliary contacts max: 1NO+2NC

|    |    |               |     |     |     |          |                 |     |
|----|----|---------------|-----|-----|-----|----------|-----------------|-----|
| 63 | 63 | Blank / Blank | 300 | 200 | 135 | OTR45B3U | 1SCA127687R1001 | 1.9 |
|----|----|---------------|-----|-----|-----|----------|-----------------|-----|



OTR16...63B3M



OTR100...125B3B



OTR100...125B3U

## Ordering information

### Stainless steel enclosed switch-disconnectors



OTR16...63B4M



OTR100...125B4B



OTR100...125B4U

#### Enclosed switch-disconnectors, 4 pole, black handle, IP65

The delivery includes a black handle (I-O/ON-OFF), N- and PE-terminals. The handle has cover interlock and defeatable interlock function.

#### Cable entries from top and bottom

| Rated current |        | Cable<br>outlets/side | Dimensions |       |       | Type | Order number | Weight<br>/unit<br>kg |
|---------------|--------|-----------------------|------------|-------|-------|------|--------------|-----------------------|
| AC-22A        | AC-23A |                       | Height     | Width | Depth |      |              |                       |
| 415V          | 415V   |                       | mm         | mm    | mm    |      |              |                       |

#### Selector handle

Auxiliary contacts included: none • Auxiliary contacts max: 2NO+2NC

|    |    |                                  |     |     |     |          |                 |     |
|----|----|----------------------------------|-----|-----|-----|----------|-----------------|-----|
| 16 | 16 | 2xø25.5+ø16.5 /<br>2xø25.5+ø16.5 | 200 | 150 | 100 | OTR16B4M | 1SCA022568R1080 | 1.7 |
| 25 | 20 |                                  | 200 | 150 | 100 | OTR25B4M | 1SCA022568R1240 | 1.7 |
| 40 | 23 |                                  | 200 | 150 | 100 | OTR32B4M | 1SCA022568R1410 | 1.7 |

Auxiliary contacts included: none • Auxiliary contacts max: 2NO+1NC

|    |    |                 |     |     |     |          |                 |     |
|----|----|-----------------|-----|-----|-----|----------|-----------------|-----|
| 63 | 45 | 2xø32.5+ø16.5 / | 200 | 150 | 100 | OTR45B4M | 1SCA022568R1670 | 1.9 |
| 80 | 75 | 2xø32.5+ø16.5   | 200 | 150 | 100 | OTR63B4M | 1SCA022568R1830 | 1.9 |

#### Pistol handle

Auxiliary contacts included: none • Auxiliary contacts max: 2NO+2NC

|     |    |                     |     |     |     |           |                 |     |
|-----|----|---------------------|-----|-----|-----|-----------|-----------------|-----|
| 100 | 80 | B-flange / B-flange | 300 | 200 | 135 | OTR100B4B | 1SCA022568R2130 | 3.4 |
| 100 | 80 | Blank / Blank       | 300 | 200 | 135 | OTR100B4U | 1SCA022568R2210 | 3.4 |
| 125 | 90 | B-flange / B-flange | 300 | 200 | 135 | OTR125B4B | 1SCA022568R2300 | 3.4 |
| 125 | 90 | Blank / Blank       | 300 | 200 | 135 | OTR125B4U | 1SCA022568R2480 | 3.4 |

Cable knock-outs as standard, compression glands have to be ordered separately.

## Ordering information

### Stainless steel enclosed switch-disconnectors



OTR16...32B6M



OTR45...63B6B



OTR45...63B6U

#### Enclosed switch-disconnectors, 6 pole, black handle, IP65

The delivery includes a black handle (I-O/ON-OFF), N- and PE-terminals. The handle has cover interlock and defeatable interlock function.

##### Cable entries from top and bottom

| Rated current |        | Cable<br>outlets/side | Dimensions |       |       | Type | Order number | Weight<br>/unit<br>kg |
|---------------|--------|-----------------------|------------|-------|-------|------|--------------|-----------------------|
| AC-22A        | AC-23A |                       | Height     | Width | Depth |      |              |                       |
| 415V          | 415V   |                       | mm         | mm    | mm    |      |              |                       |

##### Selector handle

Auxiliary contacts included: none • Auxiliary contacts max: ONO+0NC

|    |    |                                  |     |     |     |          |                 |     |
|----|----|----------------------------------|-----|-----|-----|----------|-----------------|-----|
| 16 | 16 | 2xø25.5+ø16.5 /<br>2xø25.5+ø16.5 | 200 | 150 | 100 | OTR16B6M | 1SCA022575R2440 | 1.8 |
| 25 | 20 |                                  | 200 | 150 | 100 | OTR25B6M | 1SCA022575R2870 | 1.8 |
| 40 | 23 |                                  | 200 | 150 | 100 | OTR32B6M | 1SCA022575R3250 | 1.8 |

##### Pistol handle

Auxiliary contacts included: none • Auxiliary contacts max: 1NO+1NC

|    |    |                     |     |     |     |          |                 |     |
|----|----|---------------------|-----|-----|-----|----------|-----------------|-----|
| 63 | 45 | B-flange / B-flange | 300 | 200 | 135 | OTR45B6B | 1SCA022611R6660 | 3.5 |
| 63 | 45 | Blank / Blank       | 300 | 200 | 135 | OTR45B6U | 1SCA022611R6820 | 3.5 |
| 80 | 75 | B-flange / B-flange | 300 | 200 | 135 | OTR63B6B | 1SCA022611R7120 | 3.5 |
| 80 | 75 | Blank / Blank       | 300 | 200 | 135 | OTR63B6U | 1SCA022611R7210 | 3.5 |

Cable knock-outs as standard, compression glands have to be ordered separately.

## Ordering information

### Stainless steel enclosed switch-disconnectors



OTR16...63B3M



OTR100...125BA3B



OTR100...125BA3U

#### Enclosed switch-disconnectors, 3 pole, red-yellow handle, IP65

The delivery includes a red-yellow handle (I-O/ON-OFF), N- and PE-terminals. The handle has cover interlock and defeatable interlock function.

##### Cable entries from top and bottom

| Rated current |        | Cable<br>outlets/side | Dimensions |       |       | Type | Order number | Weight<br>/unit<br>kg |
|---------------|--------|-----------------------|------------|-------|-------|------|--------------|-----------------------|
| AC-22A        | AC-23A |                       | Height     | Width | Depth |      |              |                       |
| 415V          | 415V   |                       | mm         | mm    | mm    |      |              |                       |

##### Selector handle

Auxiliary contacts included: none • Auxiliary contacts max: 2NC

|    |    |                                  |     |     |     |           |                 |     |
|----|----|----------------------------------|-----|-----|-----|-----------|-----------------|-----|
| 16 | 16 |                                  | 200 | 150 | 100 | OTR16BA3M | 1SCA022569R5110 | 1.7 |
| 25 | 20 | 2xø25.5+ø16.5 /<br>2xø25.5+ø16.5 | 200 | 150 | 100 | OTR25BA3M | 1SCA022569R5540 | 1.7 |
| 40 | 23 |                                  | 200 | 150 | 100 | OTR32BA3M | 1SCA022569R5970 | 1.7 |

##### Selector handle

Auxiliary contacts included: none • Auxiliary contacts max: 1NO+2NC

|    |    |                                  |     |     |     |           |                 |     |
|----|----|----------------------------------|-----|-----|-----|-----------|-----------------|-----|
| 63 | 45 | 2xø32.5+ø16.5 /<br>2xø32.5+ø16.5 | 200 | 150 | 100 | OTR45BA3M | 1SCA022569R6350 | 1.9 |
| 80 | 75 |                                  | 200 | 150 | 100 | OTR63BA3M | 1SCA022569R6780 | 1.9 |

##### Pistol handle

Auxiliary contacts included: none • Auxiliary contacts max: 1NO+2NC

|     |    |                     |     |     |     |            |                 |     |
|-----|----|---------------------|-----|-----|-----|------------|-----------------|-----|
| 100 | 80 | B-flange / B-flange | 300 | 200 | 135 | OTR100BA3B | 1SCA022569R7320 | 3.4 |
| 100 | 80 | Blank / Blank       | 300 | 200 | 135 | OTR100BA3U | 1SCA022569R7590 | 3.4 |
| 125 | 90 | B-flange / B-flange | 300 | 200 | 135 | OTR125BA3B | 1SCA022569R7750 | 3.4 |
| 125 | 90 | Blank / Blank       | 300 | 200 | 135 | OTR125BA3U | 1SCA022569R7910 | 3.4 |

Cable knock-outs as standard, flanges have to be ordered separately.



## Ordering information

### Stainless steel enclosed switch-disconnectors



OTR16...63B4M



OTR100...125BA4B



OTR100...125BA4U

#### Enclosed switch-disconnectors, 4 pole, red-yellow handle, IP65

The delivery includes a red-yellow handle (I-O/ON-OFF), N- and PE-terminals. The handle has cover interlock and defeatable interlock function.

##### Cable entries from top and bottom

| Rated current  |                | Cable<br>outlets/side | Dimensions   |             |             | Type | Order number | Weight<br>/unit<br>kg |
|----------------|----------------|-----------------------|--------------|-------------|-------------|------|--------------|-----------------------|
| AC-22A<br>415V | AC-23A<br>415V |                       | Height<br>mm | Width<br>mm | Depth<br>mm |      |              |                       |

##### Selector handle

Auxiliary contacts included: none • Auxiliary contacts max: 2NO+2NC

|    |    |                                  |     |     |     |           |                 |     |
|----|----|----------------------------------|-----|-----|-----|-----------|-----------------|-----|
| 16 | 16 |                                  | 200 | 150 | 100 | OTR16BA4M | 1SCA022569R5200 | 1.7 |
| 25 | 20 | 2xø25.5+ø16.5 /<br>2xø25.5+ø16.5 | 200 | 150 | 100 | OTR25BA4M | 1SCA022569R5620 | 1.7 |
| 40 | 23 |                                  | 200 | 150 | 100 | OTR32BA4M | 1SCA022569R6010 | 1.7 |

Auxiliary contacts included: none • Auxiliary contacts max: 2NO+1NC

|    |    |                                  |     |     |     |           |                 |     |
|----|----|----------------------------------|-----|-----|-----|-----------|-----------------|-----|
| 63 | 45 | 2xø32.5+ø16.5 /<br>2xø32.5+ø16.5 | 200 | 150 | 100 | OTR45BA4M | 1SCA022569R6430 | 1.9 |
| 80 | 75 |                                  | 200 | 150 | 100 | OTR63BA4M | 1SCA022569R6860 | 1.9 |

##### Pistol handle

Auxiliary contacts included: none • Auxiliary contacts max: 2NO+2NC

|     |    |                     |     |     |     |            |                 |     |
|-----|----|---------------------|-----|-----|-----|------------|-----------------|-----|
| 100 | 80 | B-flange / B-flange | 300 | 200 | 135 | OTR100BA4B | 1SCA022569R7410 | 3.4 |
| 100 | 80 | Blank / Blank       | 300 | 200 | 135 | OTR100BA4U | 1SCA022569R7670 | 3.4 |
| 125 | 90 | B-flange / B-flange | 300 | 200 | 135 | OTR125BA4B | 1SCA022569R7830 | 3.4 |
| 125 | 90 | Blank / Blank       | 300 | 200 | 135 | OTR125BA4U | 1SCA022569R8050 | 3.4 |

Cable knock-outs as standard, flanges have to be ordered separately.

Ordering information

Stainless steel enclosed switch-disconnectors



OTR16...32BA6M



OTR45...63BA6B



OTR45...63BA6U

Enclosed switch-disconnectors, 6 pole, red-yellow handle, IP65

The delivery includes a red-yellow handle (I-O/ON-OFF), N- and PE-terminals. The handle has cover interlock and defeatable interlock function.

Cable entries from top and bottom

| Rated current |        | Cable<br>outlets/side | Dimensions |       |       | Type | Order number | Weight<br>/unit<br>kg |
|---------------|--------|-----------------------|------------|-------|-------|------|--------------|-----------------------|
| AC-22A        | AC-23A |                       | Height     | Width | Depth |      |              |                       |
| 415V          | 415V   |                       | mm         | mm    | mm    |      |              |                       |

Selector handle

Auxiliary contacts included: none • Auxiliary contacts max: ONO+0NC

|    |    |                                  |     |     |     |           |                 |     |
|----|----|----------------------------------|-----|-----|-----|-----------|-----------------|-----|
| 16 | 16 | 2xø25.5+ø16.5 /<br>2xø25.5+ø16.5 | 200 | 150 | 100 | OTR16BA6M | 1SCA022575R2610 | 1.8 |
| 25 | 20 |                                  | 200 | 150 | 100 | OTR25BA6M | 1SCA022575R3090 | 1.8 |
| 40 | 23 |                                  | 200 | 150 | 100 | OTR32BA6M | 1SCA022575R3410 | 1.8 |

Pistol handle

Auxiliary contacts included: none • Auxiliary contacts max: 1NO+1NC

|    |    |                     |     |     |     |           |                 |     |
|----|----|---------------------|-----|-----|-----|-----------|-----------------|-----|
| 63 | 45 | B-flange / B-flange | 300 | 200 | 135 | OTR45BA6B | 1SCA022611R6910 | 3.5 |
| 63 | 45 | Blank / Blank       | 300 | 200 | 135 | OTR45BA6U | 1SCA022611R7040 | 3.5 |
| 80 | 75 | B-flange / B-flange | 300 | 200 | 135 | OTR63BA6B | 1SCA022611R7390 | 3.5 |
| 80 | 75 | Blank / Blank       | 300 | 200 | 135 | OTR63BA6U | 1SCA022611R7470 | 3.5 |

Cable knock-outs as standard, compression glands and flanges have to be ordered separately.

## Ordering information

### Aluminum enclosed switch-disconnectors

#### Enclosed switch-disconnectors, 2 pole, grey, IP65

The delivery includes a Enclosure in aluminum alloy (Silumin) with metric threaded cable entries and handle in PBT plastic. The delivery includes PE terminal and membrane glands (IP65). The handle includes cover interlock and defeatable interlock function. Light grey box with dark grey cover and operating handle.

##### Cable entries from top and bottom

| Rated current                                                   |        | Cable<br>outlets/side | Dimensions |       |       | Type     | Order number    | Weight<br>/unit<br>kg |
|-----------------------------------------------------------------|--------|-----------------------|------------|-------|-------|----------|-----------------|-----------------------|
| AC-22A                                                          | AC-23A |                       | Height     | Width | Depth |          |                 |                       |
| 415V                                                            | 415V   |                       | mm         | mm    | mm    |          |                 |                       |
| Auxiliary contacts included: none • Auxiliary contacts max: 1N0 |        |                       |            |       |       |          |                 |                       |
| 25                                                              | 16     | 2xM25 / 2xM25         | 130        | 111   | 60    | KSE225DP | 2CMA142411R1000 | 0.5                   |
| 40                                                              | 32     | 2xM32 / 2xM32+M16     | 168        | 138   | 68    | KSE240DP | 2CMA142414R1000 | 0.8                   |
| Auxiliary contacts included: none • Auxiliary contacts max: 0   |        |                       |            |       |       |          |                 |                       |
| 63                                                              | 63     | 2xM40 / 2xM40+M16     | 230        | 160   | 118   | KSE263DP | 2CMA144587R1000 | 1.8                   |



KSE225DP,  
KSE325TPN,  
KSE425TPSN



KSE240DP,  
KSE340TPN,  
KSE440TPSN

#### Enclosed switch-disconnectors, 3 pole, grey, IP65

The delivery includes a Enclosure in aluminum alloy (Silumin) with metric threaded cable entries and handle in PBT plastic. The delivery includes PE terminal and membrane glands (IP65). The handle includes cover interlock and defeatable interlock function. Light grey box with dark grey cover and operating handle.

##### Cable entries from top and bottom

| Rated current                                                 |        | Cable<br>outlets/side | Dimensions |       |       | Type      | Order number    | Weight |
|---------------------------------------------------------------|--------|-----------------------|------------|-------|-------|-----------|-----------------|--------|
| AC-22A                                                        | AC-23A |                       | Height     | Width | Depth |           |                 | /unit  |
| 415V                                                          | 415V   |                       | mm         | mm    | mm    |           |                 | kg     |
| Auxiliary contacts included: none • Auxiliary contacts max: 1 |        |                       |            |       |       |           |                 |        |
| 25                                                            | 16     | 2xM25 / 2xM25         | 130        | 111   | 60    | KSE325TPN | 2CMA142412R1000 | 0.6    |
| 40                                                            | 25     | 2xM25 / 2xM25+M16     | 168        | 138   | 68    | KSE340TPN | 2CMA142415R1000 | 0.8    |

#### Enclosed switch-disconnectors, 4 pole, grey, IP65

The delivery includes a Enclosure in aluminum alloy (Silumin) with metric threaded cable entries and handle in PBT plastic. The delivery includes PE terminal and membrane glands (IP65). The handle includes cover interlock and defeatable interlock function. Light grey box with dark grey cover and operating handle.

##### Cable entries from top and bottom

| Table shows front top and bottom                              |        |                       |            |       |       |            |                 |                       |
|---------------------------------------------------------------|--------|-----------------------|------------|-------|-------|------------|-----------------|-----------------------|
| Rated current                                                 |        | Cable<br>outlets/side | Dimensions |       |       | Type       | Order number    | Weight<br>/unit<br>kg |
| AC-22A                                                        | AC-23A |                       | Height     | Width | Depth |            |                 |                       |
| 415V                                                          | 415V   |                       | mm         | mm    | mm    |            |                 |                       |
| Auxiliary contacts included: none • Auxiliary contacts max: 1 |        |                       |            |       |       |            |                 |                       |
| 25                                                            | 16     | 2xM25 / 2xM25         | 130        | 111   | 60    | KSE425TPSN | 2CMA142413R1000 | 0.6                   |
| 40                                                            | 25     | 2xM32 / 2xM32+M16     | 168        | 138   | 68    | KSE440TPSN | 2CMA142416R1000 | 0.8                   |

## Ordering information

### Aluminum enclosed switch-disconnectors



OKA16S3G



OKA25...63S3G

KSE363TPN,  
KSE380TPN,  
KSE3100TPN,  
KSE3125TPN

KSE363D/TPN

#### Enclosed switch-disconnectors, 3 pole, grey, IP65

The delivery includes a Enclosure in Aluminum alloy (Silumin) with metric threaded cable entries. Light grey box with dark grey cover. Delivery includes PE+neutral terminal and compression glands. Interlocked cover. Handle includes interlock function.

OKA\_ types are EMC compatible when using EMC cable glands.

##### Cable entries from top and bottom

| Rated current                                                       |        | Cable<br>outlets/side | Dimensions |       |       | Type     | Order number    | Weight |
|---------------------------------------------------------------------|--------|-----------------------|------------|-------|-------|----------|-----------------|--------|
| AC-22A                                                              | AC-23A |                       | Height     | Width | Depth |          |                 | /unit  |
| 415V                                                                | 415V   |                       | mm         | mm    | mm    |          |                 | kg     |
| Auxiliary contacts included: none • Auxiliary contacts max: 2NO+2NC |        |                       |            |       |       |          |                 |        |
| 16                                                                  | 16     | 2xM25+M20 / 2xM25+M20 | 165        | 130   | 103   | OKA16S3G | 1SCA142683R1001 | 1.3    |
| 25                                                                  | 20     |                       | 165        | 130   | 103   | OKA25S3G | 1SCA142685R1001 | 1.3    |
| 40                                                                  | 23     | 2xM32+M20 / 2xM32+M20 | 165        | 130   | 103   | OKA40S3G | 1SCA142687R1001 | 1.3    |
| 63                                                                  | 63     |                       | 165        | 130   | 103   | OKA63S3G | 1SCA142689R1001 | 1.5    |

##### Membrane type of glands includes

Auxiliary contacts included: none • Auxiliary contacts max: 1NO+1NC

|    |    |                   |     |     |     |           |                 |     |
|----|----|-------------------|-----|-----|-----|-----------|-----------------|-----|
| 63 | 45 | 2xM40 / 2xM40+M16 | 230 | 160 | 145 | KSE363TPN | 2CMA144580R1000 | 1.8 |
| 80 | 75 |                   | 230 | 160 | 118 | KSE380TPN | 2CMA144583R1000 | 1.8 |

##### Membrane type of glands includes

Auxiliary contacts included: none • Auxiliary contacts max: none

|     |    |                   |     |     |     |             |                 |     |
|-----|----|-------------------|-----|-----|-----|-------------|-----------------|-----|
| 63  | 45 | Blank / 2xM40+M16 | 230 | 160 | 118 | KSE363D/TPN | 2CMA144581R1000 | 1.8 |
| 100 | 80 | 2xM40 / 2xM40+M16 | 230 | 160 | 118 | KSE3100TPN  | 2CMA144585R1000 | 1.8 |
| 125 | 90 |                   | 230 | 160 | 118 | KSE3125TPN  | 2CMA144588R1000 | 1.8 |

Ordering information

Aluminum enclosed switch-disconnectors



OKA16S4G



OKA25...63S4G



KSE463TPN,  
KSE480TPN

4-pole front operated switch-disconnectors, IP65

The delivery includes a Enclosure in Aluminum alloy (Silumin) with metric threaded cable entries. Light grey box with dark grey cover. Delivery includes PE+neutral terminal and compression glands. Interlocked cover. OKA\_ types are EMC compatible when using EMC cable glands.

| Cable entries from top and bottom                                   |        |                       |            |       |       |          |                 |                       |  |
|---------------------------------------------------------------------|--------|-----------------------|------------|-------|-------|----------|-----------------|-----------------------|--|
| Rated current                                                       |        | Cable<br>outlets/side | Dimensions |       |       | Type     | Order number    | Weight<br>/unit<br>kg |  |
| AC-22A                                                              | AC-23A |                       | Height     | Width | Depth |          |                 |                       |  |
| 415V                                                                | 415V   |                       | mm         | mm    | mm    |          |                 |                       |  |
| Auxiliary contacts included: none • Auxiliary contacts max: 2NO+2NC |        |                       |            |       |       |          |                 |                       |  |
| 16                                                                  | 16     | 2xM25+M20 / 2xM25+M20 | 165        | 130   | 103   | OKA16S4G | 1SCA142684R1001 | 1.3                   |  |
| 25                                                                  | 20     | 2xM32+M20 / 2xM32+M20 | 165        | 130   | 103   | OKA25S4G | 1SCA142686R1001 | 1.3                   |  |
| 40                                                                  | 23     |                       | 165        | 130   | 103   | OKA40S4G | 1SCA142688R1001 | 1.3                   |  |
| 63                                                                  | 63     |                       | 165        | 130   | 103   | OKA63S4G | 1SCA142690R1001 | 1.5                   |  |

Includes membrane type of glands.  
Auxiliary contacts included: none • Auxiliary contacts max: none

|    |    |                   |     |     |     |            |                 |     |  |
|----|----|-------------------|-----|-----|-----|------------|-----------------|-----|--|
| 63 | 45 | 2xM40 / 2xM40+M16 | 230 | 160 | 118 | KSE463TPSN | 2CMA144582R1000 | 1.8 |  |
| 80 | 75 |                   | 230 | 160 | 118 | KSE480TPSN | 2CMA144584R1000 | 1.8 |  |

## Ordering information

### Aluminium enclosed switch-disconnectors

#### 3-pole front operated switch-disconnectors, IP65

The delivery includes a Enclosure in Aluminum alloy (Silumin) with metric threaded cable entries. Light grey box with dark grey cover. Delivery includes PE+neutral terminal and rubber type glands (IP65). Handle with cover interlock and defeatable interlock function. These products are EMC compatible with existing cable glands.



OKA125...160P3B



OKA200...400P3B



OKA600P3B

| Cable entries from bottom                                              |        |                         |            |       |       |           |                 |                       |  |
|------------------------------------------------------------------------|--------|-------------------------|------------|-------|-------|-----------|-----------------|-----------------------|--|
| Rated current                                                          |        | Cable<br>outlets/side   | Dimensions |       |       | Type      | Order number    | Weight<br>/unit<br>kg |  |
| AC-22A                                                                 | AC-23A |                         | Height     | Width | Depth |           |                 |                       |  |
| 415V                                                                   | 415V   |                         | mm         | mm    | mm    |           |                 |                       |  |
| Auxiliary contacts included: 1NO+1NC • Auxiliary contacts max: 2NO+2NC |        |                         |            |       |       |           |                 |                       |  |
| 125                                                                    | 105    | Blank / 2x24...48+2xM20 | 620        | 425   | 210   | OKA125P3B | 1SCA142607R1001 | 20.2                  |  |
| 160                                                                    | 135    |                         | 620        | 425   | 210   | OKA160P3B | 1SCA142608R1001 | 20.2                  |  |
| Auxiliary contacts included: 2NO+2NC • Auxiliary contacts max: 2NO+2NC |        |                         |            |       |       |           |                 |                       |  |
| 200                                                                    | 200    | Blank / 4x28...68+2xM20 | 730        | 485   | 215   | OKA200P3B | 1SCA142609R1001 | 29.3                  |  |
| 250                                                                    | 250    |                         | 730        | 485   | 215   | OKA250P3B | 1SCA142610R1001 | 29.3                  |  |
| 315                                                                    | 315    |                         | 730        | 485   | 215   | OKA315P3B | 1SCA142611R1001 | 29.3                  |  |
| 400                                                                    | 400    |                         | 730        | 485   | 215   | OKA400P3B | 1SCA142612R1001 | 29.3                  |  |
| 600                                                                    | 552    |                         | 975        | 585   | 270   | OKA600P3B | 1SCA144286R1001 | 36.3                  |  |



## Ordering information

### Aluminium enclosed switch-disconnectors



KSF225DP,  
KSF325TPN,  
KSF325TPNNO,  
KSF425TPSN



KSF340TPN,  
KSF440TPSN

#### Fireman's switches, side operated, IP65

The delivery includes red painted switch-disconnectors for use by firemen to disconnect in case of fire. Aluminum alloy (Silumin) with metric threaded cable entries and special operating handle with loop and interlocking mechanism.

##### Cable entries from top and bottom, 2 pole

| Rated current  |                | Cable<br>outlets/side | Dimensions   |             |             | Type | Order number | Weight<br>/unit<br>kg |
|----------------|----------------|-----------------------|--------------|-------------|-------------|------|--------------|-----------------------|
| AC-22A<br>415V | AC-23A<br>415V |                       | Height<br>mm | Width<br>mm | Depth<br>mm |      |              |                       |

Delivery includes PE terminal and membrane glands (IP54) / sealing plugs.  
Auxiliary contacts included: none • Auxiliary contacts max: 1NO

|    |    |               |     |     |    |          |                 |     |
|----|----|---------------|-----|-----|----|----------|-----------------|-----|
| 25 | 16 | 2xM25 / 2xM25 | 130 | 111 | 60 | KSF225DP | 2CMA142435R1000 | 0.6 |
|----|----|---------------|-----|-----|----|----------|-----------------|-----|

##### Cable entries from top and bottom, 3 pole

| Rated current  |                | Cable<br>outlets/side | Dimensions   |             |             | Type | Order number | Weight<br>/unit<br>kg |
|----------------|----------------|-----------------------|--------------|-------------|-------------|------|--------------|-----------------------|
| AC-22A<br>415V | AC-23A<br>415V |                       | Height<br>mm | Width<br>mm | Depth<br>mm |      |              |                       |

Delivery includes PE terminal and membrane glands (IP54) / sealing plugs.  
Auxiliary contacts included: none • Auxiliary contacts max: 1NO

|    |    |                   |     |     |     |                           |                 |     |
|----|----|-------------------|-----|-----|-----|---------------------------|-----------------|-----|
| 25 | 16 | 2xM25 / 2xM25     | 130 | 111 | 60  | KSF325TPN                 | 2CMA142436R1000 | 0.6 |
| 25 | 16 |                   | 130 | 111 | 60  | KSF325TPNNO <sup>1)</sup> | 2CMA142442R1000 | 0.6 |
| 40 | 32 | 2xM32 / 2xM32+M16 | 168 | 136 | 168 | KSF340TPN                 | 2CMA142438R1000 | 0.8 |

<sup>1)</sup>The KSF325TPNNO includes a 1NO auxiliary contact.

##### Cable entries from top and bottom, 4 pole

| Rated current  |                | Cable<br>outlets/side | Dimensions   |             |             | Type | Order number | Weight<br>/unit<br>kg |
|----------------|----------------|-----------------------|--------------|-------------|-------------|------|--------------|-----------------------|
| AC-22A<br>415V | AC-23A<br>415V |                       | Height<br>mm | Width<br>mm | Depth<br>mm |      |              |                       |

Delivery includes PE terminal and membrane glands (IP54) / sealing plugs. For IP65 degree of protection compression glands must be used.

Auxiliary contacts included: none • Auxiliary contacts max: 1NO

|    |    |                   |     |     |     |            |                 |     |
|----|----|-------------------|-----|-----|-----|------------|-----------------|-----|
| 25 | 16 | 2xM25 / 2xM25     | 130 | 111 | 60  | KSF425TPSN | 2CMA142437R1000 | 0.6 |
| 40 | 32 | 2xM32 / 2xM32+M16 | 168 | 136 | 168 | KSF440TPSN | 2CMA142439R1000 | 0.8 |

## Ordering information

### Steel sheet enclosed change-over switches



OTL16...40C3M



OTL63...80C3M



OT200...250KLAA3CZ

OT315KLAA3CZ,  
OT400DLAA3CZ

OT630...800KLAA3CZ

#### Enclosed change-over switches, 3 pole, black handle, IP65

The delivery includes a black handle (I-O-II), N- and PE-terminals. The handle has cover interlock and defeatable interlock function.

##### Cable entries from top and bottom

| Rated current  |                | Cable<br>outlets/side | Dimensions   |             |             | Type | Order number | Weight<br>/unit<br>kg |
|----------------|----------------|-----------------------|--------------|-------------|-------------|------|--------------|-----------------------|
| AC-22A<br>415V | AC-23A<br>415V |                       | Height<br>mm | Width<br>mm | Depth<br>mm |      |              |                       |

##### Selector handle

Auxiliary contacts included: none • Auxiliary contacts max: 1NO+1NC

|    |    |                                  |     |     |     |          |                 |     |
|----|----|----------------------------------|-----|-----|-----|----------|-----------------|-----|
| 16 | 16 | 2xø25.5+ø16.5 /<br>2xø25.5+ø16.5 | 200 | 150 | 100 | OTL16C3M | 1SCA022752R6000 | 1.8 |
| 25 | 20 | 2xø32.5+ø16.5 /<br>2xø32.5+ø16.5 | 200 | 150 | 100 | OTL25C3M | 1SCA149138R1001 | 1.6 |
| 40 | 23 | 2xø32.5+ø16.5                    | 200 | 150 | 100 | OTL40C3M | 1SCA149139R1001 | 1.6 |

##### Pistol handle

Auxiliary contacts included: none • Auxiliary contacts max: 1NO+1NC

|    |    |                                  |     |     |     |          |                 |     |
|----|----|----------------------------------|-----|-----|-----|----------|-----------------|-----|
| 63 | 63 | 2xø50.5+ø16.5 /<br>2xø50.5+ø16.5 | 300 | 200 | 135 | OTL63C3M | 1SCA149140R1001 | 4.3 |
| 80 | 80 | 2xø50.5+ø16.5                    | 300 | 200 | 135 | OTL80C3M | 1SCA149141R1001 | 4.3 |

Cable knock-outs as standard, compression glands and connection bars for parallel connection have to be ordered separately.

##### Cable entries from top and bottom

| Rated current  |                | Cable<br>outlets/side | Dimensions   |             |             | Cover<br>flanges<br>included<br>[pcs] | Type | Order number | Weight<br>/unit<br>kg |
|----------------|----------------|-----------------------|--------------|-------------|-------------|---------------------------------------|------|--------------|-----------------------|
| AC-22A<br>415V | AC-23A<br>415V |                       | Height<br>mm | Width<br>mm | Depth<br>mm |                                       |      |              |                       |

##### Pistol handle

Auxiliary contacts included: none • Auxiliary contacts max: 4NO+4NC

|     |     |             |      |     |     |   |              |                 |      |
|-----|-----|-------------|------|-----|-----|---|--------------|-----------------|------|
| 160 | 160 | Open / Open | 600  | 400 | 230 | - | OT160KLAA3CZ | 1SCA120677R1001 | 31.0 |
| 200 | 200 |             | 600  | 400 | 230 | - | OT200KLAA3CZ | 1SCA022294R7680 | 20.0 |
| 250 | 250 |             | 600  | 400 | 230 | - | OT250KLAA3CZ | 1SCA022294R7840 | 20.0 |
| 315 | 315 |             | 800  | 400 | 330 | - | OT315KLAA3CZ | 1SCA022294R8060 | 31.0 |
| 400 | 400 |             | 800  | 400 | 330 | - | OT400DLAA3CZ | 1SCA022294R8220 | 31.0 |
| 570 | 570 |             | 1000 | 800 | 330 | - | OT630KLAA3CZ | 1SCA022294R8490 | 70.0 |
| 720 | 720 |             | 1000 | 800 | 330 | - | OT800KLAA3CZ | 1SCA022834R1510 | 70.0 |

Delivery without cable entries, top and bottom sides are open. Cable entries for C-flanges or for ring-flanges have to be ordered separately, see accessories. These entries are used also for fixing the enclosed switch. Flanges and connection bars for parallel connection have to be ordered separately too.

##### Pistol handle

Knock-outs: 10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm

Auxiliary contacts included: none • Auxiliary contacts max: 4NO+4NC

|     |     |                             |     |     |     |   |              |                 |      |
|-----|-----|-----------------------------|-----|-----|-----|---|--------------|-----------------|------|
| 400 | 400 | 3xC-flange /<br>3xC-flange, | 800 | 400 | 330 | 2 | OT400DLCC3CZ | 1SCA117797R1001 | 36.0 |
|-----|-----|-----------------------------|-----|-----|-----|---|--------------|-----------------|------|

## Ordering information

### Steel sheet enclosed change-over switches



OT160...250KLAA4CZ

OT315KLAA4CZ,  
OT400DLAA4CZ

OT630...800KLAA4CZ



OT160KLUU4CZ



OT315KLUU4C



OT800KLUU4C



OT63EAU4CZ

#### Enclosed change-over switches, 4 pole, black handle, IP65

The delivery includes a black handle (I-O-II), N- and PE-terminals. The handle has cover interlock and defeatable interlock function.

##### Cable entries from top and bottom, IP65

| Rated current |        | Cable outlets/side | Dimensions |       |       | Type | Order number | Weight /unit |
|---------------|--------|--------------------|------------|-------|-------|------|--------------|--------------|
| AC-22A        | AC-23A |                    | Height     | Width | Depth |      |              |              |
| 415V          | 415V   |                    | mm         | mm    | mm    |      |              | kg           |

##### Delivery without cable entries, top and bottom sides are open.

Auxiliary contacts included: none • Auxiliary contacts max: 4NO+4NC

|     |     |             |      |     |     |              |                 |      |
|-----|-----|-------------|------|-----|-----|--------------|-----------------|------|
| 160 | 160 | Open / Open | 600  | 400 | 230 | OT160KLAA4CZ | 1SCA145966R1001 | 31.0 |
| 200 | 200 |             | 600  | 400 | 230 | OT200KLAA4CZ | 1SCA145968R1001 | 31.0 |
| 250 | 250 |             | 600  | 400 | 230 | OT250KLAA4CZ | 1SCA145970R1001 | 36.0 |
| 315 | 315 |             | 800  | 400 | 330 | OT315KLAA4CZ | 1SCA107160R1001 | 36.0 |
| 400 | 400 |             | 800  | 400 | 330 | OT400DLAA4CZ | 1SCA145972R1001 | 39.0 |
| 570 | 570 |             | 1000 | 800 | 330 | OT630KLAA4CZ | 1SCA145974R1001 | 48.0 |
| 720 | 720 |             | 1000 | 800 | 330 | OT800KLAA4CZ | 1SCA145976R1001 | 48.0 |

Cable entries for C-flanges or for ring-flanges have to be ordered separately, see accessories. These entries are used also for fixing the enclosed switch-disconnectors. Flanges and connection bars for parallel connection have to be ordered separately too.

##### Blank cable entries

Auxiliary contacts included: none • Auxiliary contacts max: 4NO+2NC

|     |     |               |     |     |     |              |                 |      |
|-----|-----|---------------|-----|-----|-----|--------------|-----------------|------|
| 160 | 160 | Blank / Blank | 600 | 400 | 230 | OT160KLUU4CZ | 1SCA147976R1001 | 32.3 |
|-----|-----|---------------|-----|-----|-----|--------------|-----------------|------|

##### Blank cable entries

Auxiliary contacts included: none • Auxiliary contacts max: 4NO+4NC

|     |     |               |      |     |     |                           |                 |      |
|-----|-----|---------------|------|-----|-----|---------------------------|-----------------|------|
| 200 | 200 | Blank / Blank | 600  | 400 | 230 | OT200KLUU4C               | 1SCA022474R7580 | 25.0 |
| 250 | 250 |               | 800  | 400 | 230 | OT250KLUU4C               | 1SCA022474R7660 | 25.0 |
| 315 | 315 |               | 800  | 400 | 330 | OT315KLUU4C <sup>1)</sup> | 1SCA022474R7740 | 32.0 |
| 400 | 400 |               | 800  | 400 | 330 | OT400DLUU4C               | 1SCA022474R8120 | 36.0 |
| 570 | 570 |               | 1000 | 800 | 330 | OT630KLUU4C               | 1SCA022475R1340 | 81.0 |
| 720 | 720 |               | 1200 | 800 | 330 | OT800KLUU4C <sup>1)</sup> | 1SCA022872R6560 | 29.7 |

##### Cable entries bottom-bottom, IP65

| Rated current |        | Cable outlets/side | Dimensions |       |       | Type | Order number | Weight /unit |
|---------------|--------|--------------------|------------|-------|-------|------|--------------|--------------|
| AC-22A        | AC-23A |                    | Height     | Width | Depth |      |              |              |
| 415V          | 415V   |                    | mm         | mm    | mm    |      |              | kg           |

##### Blank cable entries includes

Auxiliary contacts included: none • Auxiliary contacts max: 2NO+2NC

|    |    |               |     |     |     |            |                 |      |
|----|----|---------------|-----|-----|-----|------------|-----------------|------|
| 63 | 63 | Blank / Blank | 400 | 250 | 180 | OT63EAU4CZ | 1SCA139889R1001 | 11.5 |
|----|----|---------------|-----|-----|-----|------------|-----------------|------|

<sup>1)</sup> \_C types have degree of protection IP54

## Ordering information

### Steel sheet enclosed change-over switches



OT250KAUR4CZ



OT800KAUR4CZ

#### Enclosed change-over switches, 4 pole, black handle, IP65

The delivery includes a black pistol handle and PE-terminal. Auxiliary contacts are wired to the terminal blocks in sizes 200A...720A.. Grey enclosure. Fixed cable entries with ring-flange entries. Entry plate fixing profiles are used also for mounting the safety switch. Cover interlock and defeatable interlock included.

#### Cable entries bottom-bottom, IP65

| Rated current                                                                                                                                   |        | Cable<br>outlets/side | Dimensions |       |       | Cover<br>flanges<br>included<br>[pcs] | Type         | Order number    | Weight<br>/unit<br>kg |
|-------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----------------------|------------|-------|-------|---------------------------------------|--------------|-----------------|-----------------------|
| AC-22A                                                                                                                                          | AC-23A |                       | Height     | Width | Depth |                                       |              |                 |                       |
| 415V                                                                                                                                            | 415V   |                       | mm         | mm    | mm    |                                       |              |                 |                       |
| Entry plates includes knock-outs: 3x10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm<br>Auxiliary contacts included: none • Auxiliary contacts max: 4NO+4NC |        |                       |            |       |       |                                       |              |                 |                       |
| 250                                                                                                                                             | 250    | Blank / 4xring-flange | 800        | 400   | 330   | 1                                     | OT250KAUR4CZ | 1SCA117797R1001 | 41                    |
| 720                                                                                                                                             | 720    | Blank / 8xring-flange | 1200       | 800   | 330   | 5                                     | OT800KAUR4CZ | 1SCA139888R1001 | 90                    |

## Ordering information

### Fire rated enclosed switch-disconnectors, F200



OKA20 - OKA40



OKA63 - OKA80



OKL63 - OKL100



OKL125\_

OKL160\_,  
OKL200\_

#### Aluminium enclosure, 3-and 4-pole, red handle, IP65

The delivery includes a red handle (I-O/ON-OFF), PE-terminal, threaded cable entries and auxiliary contacts. Grey enclosure. Handle padlockable in OFF position, with knock outs for ON position. The cover is interlocked. One NO auxiliary contact and safety switch sticker included. EMC approved.

##### Cable entries from top and bottom

| Rated current and power           |         | Cable openings/side   | Dimensions |       |       | Type       | Order number    | Weight /unit<br>kg |
|-----------------------------------|---------|-----------------------|------------|-------|-------|------------|-----------------|--------------------|
| AC-22A                            | AC-23A  |                       | Height     | Width | Depth |            |                 |                    |
| <415V                             | <415V   |                       |            |       |       |            |                 |                    |
| A                                 | kW / A  |                       |            |       |       |            |                 |                    |
| Cable entries from top and bottom |         |                       |            |       |       |            |                 |                    |
| <b>3 pole</b>                     |         |                       |            |       |       |            |                 |                    |
| 20                                | 9 / 20  | 2xM25+M20 / 2xM25+M20 | 165        | 130   | 131   | OKA20S3RF2 | 1SCA150645R1001 | 1.3                |
| 40                                | 11 / 23 | 2xM32+M20 / 2xM32+M20 | 165        | 130   | 131   | OKA40S3RF2 | 1SCA150647R1001 | 1.3                |
| 63                                | 30 / 63 | 2xM40 / 2xM40+M16     | 230        | 160   | 145   | OKA63S3RF2 | 1SCA150649R1001 | 1.8                |
| 80                                | 37 / 75 | 2xM40 / 2xM40+M16     | 230        | 160   | 145   | OKA80S3RF2 | 1SCA150651R1001 | 1.8                |
| <b>4 pole</b>                     |         |                       |            |       |       |            |                 |                    |
| 20                                | 9 / 20  | 2xM25+M20 / 2xM25+M20 | 165        | 130   | 131   | OKA20S4RF2 | 1SCA150646R1001 | 1.3                |
| 40                                | 11 / 23 | 2xM32+M20 / 2xM32+M20 | 165        | 130   | 131   | OKA40S4RF2 | 1SCA150648R1001 | 1.3                |
| 63                                | 30 / 63 | 2xM40 / 2xM40+M16     | 230        | 160   | 145   | OKA63S4RF2 | 1SCA150650R1001 | 1.8                |
| 80                                | 37 / 75 | 2xM40 / 2xM40+M16     | 230        | 160   | 145   | OKA80S4RF2 | 1SCA150652R1001 | 1.8                |

#### Steel sheet enclosure, 3-and 4-pole, red-yellow handle, IP65

The delivery includes a red handle (I-O/ON-OFF), PE-terminal and auxiliary contact. Grey enclosure. Handle padlockable in OFF and ON position. The cover is interlocked, including defeatable interlock. One NO auxiliary contact and safety switch sticker included. EMC approved.

##### Cable entries from top and bottom

| Rated current |           | Cable openings/side | Dimensions |       |       | Type            | Order number    | Weight /unit<br>kg |
|---------------|-----------|---------------------|------------|-------|-------|-----------------|-----------------|--------------------|
| AC-22A        | AC-23A    |                     | Height     | Width | Depth |                 |                 |                    |
| <415V         | <415V     |                     |            |       |       |                 |                 |                    |
| A             | kW / A    |                     | mm         | mm    | mm    |                 |                 |                    |
| 3 pole        |           |                     |            |       |       |                 |                 |                    |
| 63            | 30 / 63   | Blank / Blank       | 300        | 200   | 135   | OKL63N3YF2      | 1SCA152253R1001 | 4.5                |
| 100           | 37 / 80   | Blank / Blank       | 300        | 200   | 135   | OKL100N3YF2     | 1SCA152255R1001 | 4.5                |
| 125           | 45 / 90   | Blank / Blank*      | 400        | 250   | 180   | OKL125N3YF2UU1N | 1SCA152257R1001 | 17.8               |
| 160           | 88 / 160  | Blank / Blank       | 600        | 400   | 230   | OKL160N3YF2UU1N | 1SCA152261R1001 | 17.8               |
| 200           | 110 / 200 | Blank / Blank       | 600        | 400   | 230   | OKL200N3YF2UU1N | 1SCA152265R1001 | 17.8               |
| 4 pole        |           |                     |            |       |       |                 |                 |                    |
| 63            | 30 / 63   | Blank / Blank       | 300        | 200   | 135   | OKL63N4YF2      | 1SCA152254R1001 | 4.5                |
| 100           | 37 / 80   | Blank / Blank       | 300        | 200   | 135   | OKL100N4YF2     | 1SCA152256R1001 | 4.5                |
| 125           | 45 / 90   | Blank / Blank*      | 400        | 250   | 180   | OKL125N4YF2UU10 | 1SCA152259R1001 | 17.8               |
| 160           | 88 / 160  | Blank / Blank       | 600        | 400   | 230   | OKL160N4YF2UU10 | 1SCA152263R1001 | 17.8               |
| 200           | 110 / 200 | Blank / Blank       | 600        | 400   | 230   | OKL200N4YF2UU10 | 1SCA152267R1001 | 17.8               |

\*Include knock outs: 10mm, 12.5mm, 20.5mm, 25.5mm

## Ordering information

Fire rated enclosed switch-disconnectors, F300



OKL125\_



OKL160\_  
OKL400\_



OKL570\_  
OKL720\_

### Steel sheet enclosure 3-and 4-pole, red-yellow handle, IP65

The delivery includes a red-yellow handle (I-O/ON-OFF) and PE-terminal. Grey enclosure. Handle padlockable in OFF and ON position. The cover is interlocked, including defeatable interlock. EMC approved.

#### Cable entries from top and bottom

| Cable entries from top and bottom: |        |                     |            |       |       |      |              |                    |
|------------------------------------|--------|---------------------|------------|-------|-------|------|--------------|--------------------|
| Rated current and power            |        | Cable openings/side | Dimensions |       |       | Type | Order number | Weight /unit<br>kg |
| AC-22A                             | AC-23A |                     | Height     | Width | Depth |      |              |                    |
| <415V                              | <415V  |                     |            |       |       |      |              |                    |
| A                                  | kW / A |                     | mm         | mm    | mm    |      |              |                    |

#### 3 pole

|     |           |               |      |     |     |                 |                 |      |
|-----|-----------|---------------|------|-----|-----|-----------------|-----------------|------|
| 125 | 55 / 125  | Blank / Blank | 600  | 400 | 230 | OKL125N3YF3UU0N | 1SCA152258R1001 | 17.8 |
| 160 | 88 / 160  | Blank / Blank | 600  | 400 | 230 | OKL160N3YF3UU0N | 1SCA152262R1001 | 17.8 |
| 200 | 110 / 200 | Blank / Blank | 600  | 400 | 230 | OKL200N3YF3UU0N | 1SCA152266R1001 | 17.8 |
| 250 | 110 / 250 | Blank / Blank | 600  | 400 | 230 | OKL250N3YF3UU0N | 1SCA152269R1001 | 18.1 |
| 315 | 160 / 315 | Blank / Blank | 600  | 400 | 230 | OKL315N3YF3UU0N | 1SCA152271R1001 | 20.1 |
| 400 | 220 / 400 | Blank / Blank | 800  | 400 | 230 | OKL400N3YF3UU0N | 1SCA152273R1001 | 25.0 |
| 570 | 315 / 570 | Blank / Blank | 1000 | 400 | 230 | OKL570N3YF3UU0N | 1SCA152275R1001 | 34.0 |
| 720 | 400 / 720 | Blank / Blank | 1000 | 400 | 230 | OKL720N3YF3UU0N | 1SCA152277R1001 | 34.0 |

#### 4 pole

|     |           |               |      |     |     |                 |                 |      |
|-----|-----------|---------------|------|-----|-----|-----------------|-----------------|------|
| 125 | 55 / 125  | Blank / Blank | 600  | 400 | 230 | OKL125N4YF3UU00 | 1SCA152260R1001 | 17.8 |
| 160 | 88 / 160  | Blank / Blank | 600  | 400 | 230 | OKL160N4YF3UU00 | 1SCA152264R1001 | 17.8 |
| 200 | 110 / 200 | Blank / Blank | 600  | 400 | 230 | OKL200N4YF3UU00 | 1SCA152268R1001 | 17.8 |
| 250 | 110 / 250 | Blank / Blank | 600  | 400 | 230 | OKL250N4YF3UU00 | 1SCA152270R1001 | 18.1 |
| 315 | 160 / 315 | Blank / Blank | 600  | 400 | 230 | OKL315N4YF3UU00 | 1SCA152272R1001 | 20.1 |
| 400 | 220 / 400 | Blank / Blank | 800  | 400 | 230 | OKL400N4YF3UU00 | 1SCA152274R1001 | 25.0 |
| 570 | 315 / 570 | Blank / Blank | 1000 | 400 | 230 | OKL570N4YF3UU00 | 1SCA152276R1001 | 34.0 |
| 720 | 400 / 720 | Blank / Blank | 1000 | 400 | 230 | OKL720N4YF3UU00 | 1SCA152278R1001 | 34.0 |



## Ordering information

### Fire rated enclosed switch-disconnectors, F400



OKA25\_



OKA40\_



OKA63\_



OKA125\_

#### Aluminium enclosure 3-pole, IP65. Handle padlockable in OFF position.

The delivery includes a red-yellow handle (I-O/ON-OFF), PE-terminal, threaded cable entry openings. Grey enclosure. Enclosure in painted aluminium. EMC approved.

##### Cable entries from top and bottom

| Rated current and power |        | Cable openings/side | Dimensions |       |       | Type | Order number | Weight /unit<br>kg |
|-------------------------|--------|---------------------|------------|-------|-------|------|--------------|--------------------|
| AC-22A                  | AC-23A |                     |            |       |       |      |              |                    |
| <415V                   | <415V  |                     | Height     | Width | Depth |      |              |                    |
| A                       | kW / A |                     | mm         | mm    | mm    |      |              |                    |

##### 3 pole, with auxiliary contact. Safety switch sticker included.

|     |            |               |     |     |     |              |                 |     |
|-----|------------|---------------|-----|-----|-----|--------------|-----------------|-----|
| 25  | 7.5 / 17.4 | 1xM25 / 1xM25 | 130 | 130 | 90  | OKA25S3YF41  | 1SCA157824R1001 | 1.2 |
| 40  | 18.5 / 35  | 1xM32 / 1xM32 | 160 | 160 | 90  | OKA40S3YF41  | 1SCA157834R1001 | 1.4 |
| 63  | 22 / 49    | 1xM40 / 1xM40 | 250 | 250 | 111 | OKA63S3YF41  | 1SCA157844R1001 | 3.3 |
| 94  | 30 / 61    | 1xM40 / 1xM40 | 250 | 250 | 111 | OKA100P3YF41 | 1SCA157809R1001 | 3.3 |
| 108 | 37 / 66    | 1xM40 / 1xM40 | 250 | 250 | 111 | OKA125P3YF41 | 1SCA157819R1001 | 3.3 |

##### 3 pole, without auxiliary contact

|     |            |               |     |     |     |              |                 |     |
|-----|------------|---------------|-----|-----|-----|--------------|-----------------|-----|
| 25  | 7.5 / 17.4 | 1xM25 / 1xM25 | 130 | 130 | 90  | OKA25S3YF40  | 1SCA157823R1001 | 1.1 |
| 40  | 18.5 / 35  | 1xM32 / 1xM32 | 160 | 160 | 90  | OKA40S3YF40  | 1SCA157833R1001 | 1.3 |
| 63  | 22 / 49    | 1xM40 / 1xM40 | 250 | 250 | 111 | OKA63S3YF40  | 1SCA157843R1001 | 3.2 |
| 94  | 30 / 61    | 1xM40 / 1xM40 | 250 | 250 | 111 | OKA100P3YF40 | 1SCA157808R1001 | 3.2 |
| 108 | 37 / 66    | 1xM40 / 1xM40 | 250 | 250 | 111 | OKA125P3YF40 | 1SCA157818R1001 | 3.2 |

#### Aluminium enclosure 4-pole, IP65. Handle padlockable in OFF position.

The delivery includes a red-yellow handle (I-O/ON-OFF), PE-terminal, threaded cable entry openings. Grey enclosure. Enclosure in painted aluminium. EMC approved.

##### Cable entries from top and bottom

| Rated current and power |        | Cable openings/side | Dimensions   |             |             | Type | Order number | Weight /unit<br>kg |
|-------------------------|--------|---------------------|--------------|-------------|-------------|------|--------------|--------------------|
| AC-22A                  | AC-23A |                     | Height<br>mm | Width<br>mm | Depth<br>mm |      |              |                    |
| <415V                   | <415V  |                     |              |             |             |      |              |                    |
| A                       | kW / A |                     |              |             |             |      |              |                    |

##### 4 pole, with auxiliary contact. Safety switch sticker included.

|     |            |               |     |     |     |              |                 |     |
|-----|------------|---------------|-----|-----|-----|--------------|-----------------|-----|
| 25  | 7.5 / 17.4 | 1xM25 / 1xM25 | 130 | 130 | 90  | OKA25S4YF41  | 1SCA157826R1001 | 1.2 |
| 40  | 18.5 / 35  | 1xM32 / 1xM32 | 160 | 160 | 90  | OKA40S4YF41  | 1SCA157836R1001 | 1.4 |
| 63  | 22 / 49    | 1xM40 / 1xM40 | 250 | 250 | 111 | OKA63S4YF41  | 1SCA157846R1001 | 3.4 |
| 94  | 30 / 61    | 1xM40 / 1xM40 | 250 | 250 | 111 | OKA100P4YF41 | 1SCA157811R1001 | 3.4 |
| 108 | 37 / 66    | 1xM40 / 1xM40 | 250 | 250 | 111 | OKA125P4YF41 | 1SCA157821R1001 | 3.4 |

##### 4 pole, without auxiliary contact

|     |            |               |     |     |     |              |                 |     |
|-----|------------|---------------|-----|-----|-----|--------------|-----------------|-----|
| 25  | 7.5 / 17.4 | 1xM25 / 1xM25 | 130 | 130 | 90  | OKA25S4YF40  | 1SCA157825R1001 | 1.1 |
| 40  | 18.5 / 35  | 1xM32 / 1xM32 | 160 | 160 | 90  | OKA40S4YF40  | 1SCA157835R1001 | 1.4 |
| 63  | 22 / 49    | 1xM40 / 1xM40 | 250 | 250 | 111 | OKA63S4YF40  | 1SCA157845R1001 | 3.3 |
| 94  | 30 / 61    | 1xM40 / 1xM40 | 250 | 250 | 111 | OKA100P4YF40 | 1SCA157810R1001 | 3.3 |
| 108 | 37 / 66    | 1xM40 / 1xM40 | 250 | 250 | 111 | OKA125P4YF40 | 1SCA157820R1001 | 3.3 |

## Ordering information

Fire rated enclosed switch-disconnectors, F400



OKL40\_



OKL63\_



OKL100\_  
OKL125\_



OKA25\_



OKA40\_



OKA63\_



OKA100\_  
OKA125\_

### Steel enclosure, 6-pole, IP65. Handle padlockable in OFF position.

The delivery includes a red-yellow handle (I-O/ON-OFF), PE-terminal, cable entry openings. Grey enclosure. Enclosure in painted steel sheet. EMC approved.

#### Cable entries from top and bottom

| Rated current and power |        | Cable openings / side | Dimensions |       |       | Type | Order number | Weight /unit<br>kg |
|-------------------------|--------|-----------------------|------------|-------|-------|------|--------------|--------------------|
| AC-22A                  | AC-23A |                       | Height     | Width | Depth |      |              |                    |
| <415V                   | <415V  |                       |            |       |       |      |              |                    |
| A                       | kW / A |                       |            |       |       |      |              |                    |

#### 6 pole, with auxiliary contact. Safety switch sticker included.

|     |            |                   |     |     |     |              |                 |     |
|-----|------------|-------------------|-----|-----|-----|--------------|-----------------|-----|
| 25  | 7.5 / 17.4 | 2xø25.5 / 2xø25.5 | 150 | 150 | 95  | OKL25S6YF41  | 1SCA157857R1001 | 1.7 |
| 40  | 18.5 / 35  | 2xø25.5 / 2xø25.5 | 150 | 150 | 95  | OKL40S6YF41  | 1SCA157859R1001 | 1.7 |
| 63  | 22 / 49    | 2xø40.5 / 2xø40.5 | 200 | 200 | 135 | OKL63S6YF41  | 1SCA157861R1001 | 3.0 |
| 94  | 30 / 61    | 2xø40.5 / 2xø40.5 | 200 | 200 | 135 | OKL100P6YF41 | 1SCA157854R1001 | 3.0 |
| 108 | 37 / 66    | 2xø40.5 / 2xø40.5 | 200 | 200 | 135 | OKL125P6YF41 | 1SCA157856R1001 | 3.0 |

### Aluminium enclosure, 6-pole, IP65. Handle padlockable in OFF position.

The delivery includes a red-yellow handle (I-O/ON-OFF), PE-terminal, threaded cable entry openings. Grey enclosure. Enclosure in painted aluminium. EMC approved.

#### Cable entries from top and bottom

| Rated current and power |        | Cable openings / side | Dimensions |       |       | Type | Order number | Weight /unit<br>kg |
|-------------------------|--------|-----------------------|------------|-------|-------|------|--------------|--------------------|
| AC-22A                  | AC-23A |                       | Height     | Width | Depth |      |              |                    |
| <415V                   | <415V  |                       |            |       |       |      |              |                    |
| A                       | kW / A |                       |            |       |       |      |              |                    |

#### 6 pole, without auxiliary contact

|     |            |               |     |     |     |              |                 |     |
|-----|------------|---------------|-----|-----|-----|--------------|-----------------|-----|
| 25  | 7.5 / 17.4 | 2xM25 / 2xM25 | 130 | 130 | 90  | OKA25S6YF40  | 1SCA157827R1001 | 1.2 |
| 40  | 18.5 / 35  | 2xM32 / 2xM32 | 160 | 160 | 90  | OKA40S6YF40  | 1SCA157837R1001 | 1.4 |
| 63  | 22 / 49    | 2xM40 / 2xM40 | 250 | 250 | 111 | OKA63S6YF40  | 1SCA157847R1001 | 3.5 |
| 94  | 30 / 61    | 2xM40 / 2xM40 | 250 | 250 | 111 | OKA100P6YF40 | 1SCA157812R1001 | 3.5 |
| 108 | 37 / 66    | 2xM40 / 2xM40 | 250 | 250 | 111 | OKA125P6YF40 | 1SCA157822R1001 | 3.5 |

## Ordering information

### Fire rated enclosed switch-disconnectors, F400



OKA25\_



OKA40\_



OKA63\_



OKA125\_

#### Aluminium enclosure 3-pole, IP65. Handle padlockable in OFF and ON position.

The delivery includes a red-yellow handle (I-O/ON-OFF), PE-terminal, threaded cable entry openings. Grey enclosure. Enclosure in painted aluminium. EMC approved.

##### Cable entries from top and bottom

| Rated current and power |        | Cable<br>openings / side | Dimensions |       |       | Type | Order number | Weight<br>/unit<br><br>kg |
|-------------------------|--------|--------------------------|------------|-------|-------|------|--------------|---------------------------|
| AC-22A                  | AC-23A |                          | Height     | Width | Depth |      |              |                           |
| <415V                   | <415V  |                          |            |       |       |      |              |                           |
| A                       | kW / A |                          |            |       |       |      |              |                           |

##### 3 pole, with auxiliary contact. Safety switch sticker included.

|     |            |               |     |     |     |              |                 |     |
|-----|------------|---------------|-----|-----|-----|--------------|-----------------|-----|
| 25  | 7.5 / 17.4 | 1xM25 / 1xM25 | 130 | 130 | 90  | OKA25T3YF41  | 1SCA157829R1001 | 1.2 |
| 40  | 18.5 / 35  | 1xM32 / 1xM32 | 160 | 160 | 90  | OKA40T3YF41  | 1SCA157839R1001 | 1.4 |
| 63  | 22 / 49    | 1xM40 / 1xM40 | 250 | 250 | 111 | OKA63T3YF41  | 1SCA157849R1001 | 3.3 |
| 94  | 30 / 61    | 1xM40 / 1xM40 | 250 | 250 | 111 | OKA100N3YF41 | 1SCA157804R1001 | 3.3 |
| 108 | 37 / 66    | 1xM40 / 1xM40 | 250 | 250 | 111 | OKA125N3YF41 | 1SCA157814R1001 | 3.3 |

##### 3 pole, without auxiliary contact

|     |            |               |     |     |     |              |                 |     |
|-----|------------|---------------|-----|-----|-----|--------------|-----------------|-----|
| 25  | 7.5 / 17.4 | 1xM25 / 1xM25 | 130 | 130 | 90  | OKA25T3YF40  | 1SCA157828R1001 | 1.1 |
| 40  | 18.5 / 35  | 1xM32 / 1xM32 | 160 | 160 | 90  | OKA40T3YF40  | 1SCA157838R1001 | 1.3 |
| 63  | 22 / 49    | 1xM40 / 1xM40 | 250 | 250 | 111 | OKA63T3YF40  | 1SCA157848R1001 | 3.2 |
| 94  | 30 / 61    | 1xM40 / 1xM40 | 250 | 250 | 111 | OKA100N3YF40 | 1SCA157803R1001 | 3.2 |
| 108 | 37 / 66    | 1xM40 / 1xM40 | 250 | 250 | 111 | OKA125N3YF40 | 1SCA157813R1001 | 3.2 |

#### Aluminium enclosure 4-pole, IP65. Handle padlockable in OFF and ON position.

The delivery includes a red-yellow handle (I-O/ON-OFF), PE-terminal, threaded cable entry openings. Grey enclosure. Enclosure in painted aluminium. EMC approved.

##### Cable entries from top and bottom

| Cable entries from top and bottom |        |                       |            |       |       |      |              |                    |
|-----------------------------------|--------|-----------------------|------------|-------|-------|------|--------------|--------------------|
| Rated current and power           |        | Cable openings / side | Dimensions |       |       | Type | Order number | Weight /unit<br>kg |
| AC-22A                            | AC-23A |                       |            |       |       |      |              |                    |
| <415V                             | <415V  |                       | Height     | Width | Depth |      |              |                    |
| A                                 | kW / A |                       | mm         | mm    | mm    |      |              |                    |

##### 4 pole, with auxiliary contact. Safety switch sticker included.

|     |            |               |     |     |     |              |                 |     |
|-----|------------|---------------|-----|-----|-----|--------------|-----------------|-----|
| 25  | 7.5 / 17.4 | 1xM25 / 1xM25 | 130 | 130 | 90  | OKA25T4YF41  | 1SCA157831R1001 | 1.2 |
| 40  | 18.5 / 35  | 1xM32 / 1xM32 | 160 | 160 | 90  | OKA40T4YF41  | 1SCA157841R1001 | 1.4 |
| 63  | 22 / 49    | 1xM40 / 1xM40 | 250 | 250 | 111 | OKA63T4YF41  | 1SCA157851R1001 | 3.4 |
| 94  | 30 / 61    | 1xM40 / 1xM40 | 250 | 250 | 111 | OKA100N4YF41 | 1SCA157806R1001 | 3.4 |
| 108 | 37 / 66    | 1xM40 / 1xM40 | 250 | 250 | 111 | OKA125N4YF41 | 1SCA157816R1001 | 3.4 |

##### 4 pole, without auxiliary contact

|     |            |               |     |     |     |              |                 |     |
|-----|------------|---------------|-----|-----|-----|--------------|-----------------|-----|
| 25  | 7.5 / 17.4 | 1xM25 / 1xM25 | 130 | 130 | 90  | OKA25T4YF40  | 1SCA157830R1001 | 1.1 |
| 40  | 18.5 / 35  | 1xM32 / 1xM32 | 160 | 160 | 90  | OKA40T4YF40  | 1SCA157840R1001 | 1.4 |
| 63  | 22 / 49    | 1xM40 / 1xM40 | 250 | 250 | 111 | OKA63T4YF40  | 1SCA157850R1001 | 3.3 |
| 94  | 30 / 61    | 1xM40 / 1xM40 | 250 | 250 | 111 | OKA100N4YF40 | 1SCA157805R1001 | 3.3 |
| 108 | 37 / 66    | 1xM40 / 1xM40 | 250 | 250 | 111 | OKA125N4YF40 | 1SCA157815R1001 | 3.3 |

## Ordering information

Fire rated enclosed switch-disconnectors, F400



OKL40T6YF41



OKL63T6YF41



OKL100N6YF41,  
OKL125N6YF41



OKA25T6YF40



OKA40T6YF40



OKA63T6YF40



OKA100N6YF40,  
OKA125N6YF40

### Steel enclosure 6-pole, IP65. Handle padlockable in OFF and ON position.

The delivery includes a red-yellow handle (I-O/ON-OFF), PE-terminal, cable entry openings. Grey enclosure. Enclosure in painted steel sheet. EMC approved.

#### Cable entries from top and bottom

| Rated current and power |        | Cable<br>openings / side | Dimensions |       |       | Type | Order number | Weight<br>/unit<br><br>kg |
|-------------------------|--------|--------------------------|------------|-------|-------|------|--------------|---------------------------|
| AC-22A                  | AC-23A |                          | Height     | Width | Depth |      |              |                           |
| <415V                   | <415V  |                          |            |       |       |      |              |                           |
| A                       | kW / A |                          | mm         | mm    | mm    |      |              |                           |

#### 6 pole, with auxiliary contact. Safety switch sticker included.

|     |            |                   |     |     |     |              |                 |     |
|-----|------------|-------------------|-----|-----|-----|--------------|-----------------|-----|
| 25  | 7.5 / 17.4 | 2xø25.5 / 2xø25.5 | 150 | 150 | 95  | OKL25T6YF41  | 1SCA157858R1001 | 1.7 |
| 40  | 18.5 / 35  | 2xø25.5 / 2xø25.5 | 150 | 150 | 95  | OKL40T6YF41  | 1SCA157860R1001 | 1.7 |
| 63  | 22 / 49    | 2xø40.5 / 2xø40.5 | 200 | 200 | 135 | OKL63T6YF41  | 1SCA157862R1001 | 3.0 |
| 94  | 30 / 61    | 2xø40.5 / 2xø40.5 | 200 | 200 | 135 | OKL100N6YF41 | 1SCA157853R1001 | 3.0 |
| 108 | 37 / 66    | 2xø40.5 / 2xø40.5 | 200 | 200 | 135 | OKL125N6YF41 | 1SCA157855R1001 | 3.0 |

### Aluminium enclosure 6-pole, IP65. Handle padlockable in OFF and ON position.

The delivery includes a red-yellow handle (I-O/ON-OFF), PE-terminal, threaded cable entry openings. Grey enclosure. Enclosure in painted aluminium. EMC approved.

#### Cable entries from top and bottom

| Rated current and power |        | Cable<br>openings / side | Dimensions |       |       | Type | Order number | Weight<br>/unit<br><br>kg |
|-------------------------|--------|--------------------------|------------|-------|-------|------|--------------|---------------------------|
| AC-22A                  | AC-23A |                          | Height     | Width | Depth |      |              |                           |
| <415V                   | <415V  |                          |            |       |       |      |              |                           |
| A                       | kW / A |                          | mm         | mm    | mm    |      |              |                           |

#### 6 pole, without auxiliary contact

|     |            |               |     |     |     |              |                 |     |
|-----|------------|---------------|-----|-----|-----|--------------|-----------------|-----|
| 25  | 7.5 / 17.4 | 2xM25 / 2xM25 | 130 | 130 | 90  | OKA25T6YF40  | 1SCA157832R1001 | 1.2 |
| 40  | 18.5 / 35  | 2xM32 / 2xM32 | 160 | 160 | 90  | OKA40T6YF40  | 1SCA157842R1001 | 1.4 |
| 63  | 22 / 49    | 2xM40 / 2xM40 | 250 | 250 | 111 | OKA63T6YF40  | 1SCA157852R1001 | 3.5 |
| 94  | 30 / 61    | 2xM40 / 2xM40 | 250 | 250 | 111 | OKA100N6YF40 | 1SCA157807R1001 | 3.5 |
| 108 | 37 / 66    | 2xM40 / 2xM40 | 250 | 250 | 111 | OKA125N6YF40 | 1SCA157817R1001 | 3.5 |

## Ordering information

Fire rated enclosed switch-disconnectors, F400



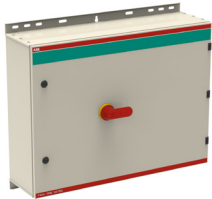
OKL100-125N3YF4UU0N



OKL160-315N3YF4UU0N



OKL400N3YF4UU0N



OKL100-315N6YF4UU0N



OKL400N6YF4UU0N

### Steel sheet enclosure 3,4 and 6-pole, IP65, red-yellow handle

The delivery includes a red-yellow handle (I-O/ON-OFF) and N and PE-terminals. Beige enclosure. Cable entrance Top / Bottom. Handle padlockable in OFF and ON position. The cover is interlocked, including defeatable interlock. EMC approved.

#### Cable entries from top and bottom

| Rated current              |           | Cable<br>openings / side | Dimensions   |             |            | Type            | Order number    | Weight<br>/unit<br><br>kg |
|----------------------------|-----------|--------------------------|--------------|-------------|------------|-----------------|-----------------|---------------------------|
| AC-22A                     | AC-23A    |                          | Height<br>mm | Width<br>mm | Dept<br>mm |                 |                 |                           |
| 415V                       | 415V      |                          |              |             |            |                 |                 |                           |
| A                          | kW / A    |                          |              |             |            |                 |                 |                           |
| 3 pole + fixed neutral     |           |                          |              |             |            |                 |                 |                           |
| 100                        | 45 / 100  | Blank /Blank             | 400          | 400         | 180        | OKL100N3YF4UU0N | 1SCA161899R1001 | 17.8                      |
| 125                        | 55 / 125  | Blank /Blank             | 400          | 400         | 180        | OKL125N3YF4UU0N | 1SCA161901R1001 | 17.8                      |
| 160                        | 88 / 160  | Blank /Blank             | 600          | 400         | 230        | OKL160N3YF4UU0N | 1SCA161903R1001 | 17.8                      |
| 200                        | 110 / 200 | Blank /Blank             | 600          | 400         | 230        | OKL200N3YF4UU0N | 1SCA161913R1001 | 17.8                      |
| 250                        | 110 / 250 | Blank /Blank             | 600          | 400         | 230        | OKL250N3YF4UU0N | 1SCA161906R1001 | 18.1                      |
| 315                        | 160 / 315 | Blank /Blank             | 600          | 400         | 230        | OKL315N3YF4UU0N | 1SCA161908R1001 | 20.1                      |
| 400                        | 220 / 400 | Blank /Blank             | 800          | 400         | 230        | OKL400N3YF4UU0N | 1SCA161910R1001 | 25.0                      |
| 4 pole. Switchable neutral |           |                          |              |             |            |                 |                 |                           |
| 100                        | 45 / 100  | Blank /Blank             | 400          | 400         | 180        | OKL100N4YF4UU00 | SCA161900R1001  | 17.8                      |
| 125                        | 55 / 125  | Blank /Blank             | 400          | 400         | 180        | OKL125N4YF4UU00 | 1SCA161902R1001 | 17.8                      |
| 160                        | 88 / 160  | Blank /Blank             | 600          | 400         | 230        | OKL160N4YF4UU00 | 1SCA161904R1001 | 17.8                      |
| 200                        | 110 / 200 | Blank /Blank             | 600          | 400         | 230        | OKL200N4YF4UU00 | 1SCA161905R1001 | 17.8                      |
| 250                        | 110 / 250 | Blank /Blank             | 600          | 400         | 230        | OKL250N4YF4UU00 | 1SCA161907R1001 | 18.1                      |
| 315                        | 160 / 315 | Blank /Blank             | 600          | 400         | 230        | OKL315N4YF4UU00 | 1SCA161909R1001 | 20.1                      |
| 400                        | 220 / 400 | Blank /Blank             | 800          | 400         | 230        | OKL400N4YF4UU00 | 1SCA161911R1001 | 25.0                      |
| 6 pole + fixed neutral     |           |                          |              |             |            |                 |                 |                           |
| 100                        | 45 / 100  | Blank /Blank             | 600          | 800         | 230        | OKL100N6YF4UU0N | 1SCA161892R1001 | 37.0                      |
| 125                        | 55 / 125  | Blank /Blank             | 600          | 800         | 230        | OKL125N6YF4UU0N | 1SCA161893R1001 | 37.0                      |
| 160                        | 88 / 160  | Blank /Blank             | 600          | 800         | 230        | OKL160N6YF4UU0N | 1SCA161894R1001 | 37.0                      |
| 200                        | 110 / 200 | Blank /Blank             | 600          | 800         | 230        | OKL200N6YF4UU0N | 1SCA161895R1001 | 35.0                      |
| 250                        | 110 / 250 | Blank /Blank             | 600          | 800         | 230        | OKL250N6YF4UU0N | 1SCA161896R1001 | 40.0                      |
| 315                        | 180 / 315 | Blank /Blank             | 600          | 800         | 230        | OKL315N6YF4UU0N | 1SCA161897R1001 | 43.0                      |
| 400                        | 230 / 400 | Blank /Blank             | 800          | 800         | 230        | OKL400N6YF4UU0N | 1SCA161898R1001 | 43.0                      |

## Ordering information

### Plastic enclosed switch fuses



OS32...63GBA3FCC2B,  
OS32...63GBA3FCC3B

#### Enclosed switch fuses, BS-type, 2 pole, IP65

The delivery includes a black pistol handle (I-O/ON-OFF), N- and PE-terminals. The handle includes cover interlock and defeatable interlock function. Suitable for BS fuses.

##### Cable entries from top and bottom, IP65

| Rated current  |                | Cable<br>outlets/side | Dimensions   |             |             | Type | Order number | Weight<br>/unit<br>kg |
|----------------|----------------|-----------------------|--------------|-------------|-------------|------|--------------|-----------------------|
| AC-22A<br>415V | AC-23A<br>415V |                       | Height<br>mm | Width<br>mm | Depth<br>mm |      |              |                       |

##### Blank cable entries includes

Auxiliary contacts included: none • Auxiliary contacts max: 2NO+2NC

|    |    |                       |     |     |     |               |                 |     |
|----|----|-----------------------|-----|-----|-----|---------------|-----------------|-----|
| 32 | 32 | II-flange / II-flange | 380 | 280 | 130 | OS32GBA3FCC2B | 1SCA134070R1001 | 4.5 |
| 63 | 63 |                       | 380 | 280 | 130 | OS63GBA3FCC2B | 1SCA133822R1001 | 4.5 |



OS20PA1FUU3B

#### Enclosed switch fuses, BS-type, 3 pole, IP65

##### Cable entries from top and bottom, IP65

| Rated current  |                | Cable<br>outlets/side | Dimensions   |             |             | Type | Order number | Weight<br>/unit<br>kg |
|----------------|----------------|-----------------------|--------------|-------------|-------------|------|--------------|-----------------------|
| AC-22A<br>415V | AC-23A<br>415V |                       | Height<br>mm | Width<br>mm | Depth<br>mm |      |              |                       |

##### Blank cable entries includes

Auxiliary contacts included: none • Auxiliary contacts max: 1NO+1NC

|    |    |               |     |     |     |              |                 |     |
|----|----|---------------|-----|-----|-----|--------------|-----------------|-----|
| 20 | 20 | Blank / Blank | 280 | 180 | 150 | OS20PA1FUU3B | 1SCA022280R9290 | 1.7 |
|----|----|---------------|-----|-----|-----|--------------|-----------------|-----|

##### Blank cable entries includes

Auxiliary contacts included: none • Auxiliary contacts max: 1NO+1NC

|    |    |                       |     |     |     |               |                 |     |
|----|----|-----------------------|-----|-----|-----|---------------|-----------------|-----|
| 32 | 32 | II-flange / II-flange | 380 | 280 | 130 | OS32GBA3FCC3B | 1SCA134506R1001 | 5.0 |
|----|----|-----------------------|-----|-----|-----|---------------|-----------------|-----|



OS100...160GBA4FCC3B,  
OS200BB2FCC3B

##### Blank cable entries includes

Auxiliary contacts included: none • Auxiliary contacts max: 2NO+1NC

|     |     |                           |     |     |     |                |                 |      |
|-----|-----|---------------------------|-----|-----|-----|----------------|-----------------|------|
| 63  | 63  | II-flange / II-flange     | 380 | 280 | 130 | OS63GBA3FCC3B  | 1SCA132754R1001 | 6.0  |
| 100 | 100 |                           | 560 | 380 | 180 | OS100GBA4FCC3B | 1SCA132550R1001 | 9.5  |
| 125 | 125 |                           | 560 | 380 | 180 | OS125GBA4FCC3B | 1SCA134503R1001 | 9.5  |
| 160 | 160 |                           | 560 | 380 | 180 | OS160GBA4FCC3B | 1SCA134504R1001 | 9.5  |
| 200 | 200 |                           | 560 | 380 | 180 | OS200BB2FCC3B  | 1SCA022280R9110 | 13.6 |
| 315 | 315 | 2xII-flange / 2xII-flange | 760 | 560 | 250 | OS315BB3FCC3B  | 1SCA022281R0380 | 13.3 |
| 400 | 400 |                           | 760 | 560 | 250 | OS400BB4FCC3B  | 1SCA022302R6630 | 14.6 |



OS315BB3FCC3B,  
OS400BB4FCC3B

Cable knock-outs as standard, flanges have to be ordered separately.



## Ordering information

### Plastic enclosed switch fuses



OS20PA1FUU4B



OS32...63GBA3FCC4B

OS100...160GBA4FCC4B,  
OS200BB2FCC4B

#### Enclosed switch fuses, BS-type, 4 pole, IP65

The delivery includes a black pistol handle (I-O/ON-OFF), N- and PE-terminals. The handle includes cover interlock and defeatable interlock function. Suitable for BS fuses.

##### Cable entries from top and bottom, IP65

| Rated current |        | Cable<br>outlets/side | Dimensions |       |       | Type | Order number | Weight<br>/unit<br>kg |
|---------------|--------|-----------------------|------------|-------|-------|------|--------------|-----------------------|
| AC-22A        | AC-23A |                       | Height     | Width | Depth |      |              |                       |
| 415V          | 415V   |                       | mm         | mm    | mm    |      |              |                       |

##### Blank cable entries includes

Auxiliary contacts included: none • Auxiliary contacts max: 1NO+1NC

|    |    |               |     |     |     |              |                 |     |
|----|----|---------------|-----|-----|-----|--------------|-----------------|-----|
| 20 | 20 | Blank / Blank | 280 | 180 | 150 | OS20PA1FUU4B | 1SCA022280R9880 | 1.9 |
|----|----|---------------|-----|-----|-----|--------------|-----------------|-----|

Auxiliary contacts included: none • Auxiliary contacts max: 1NO+1NC

|    |    |                       |     |     |     |               |                 |     |
|----|----|-----------------------|-----|-----|-----|---------------|-----------------|-----|
| 32 | 32 | II-flange / II-flange | 380 | 280 | 130 | OS32GBA3FCC4B | 1SCA134506R1001 | 5.0 |
|----|----|-----------------------|-----|-----|-----|---------------|-----------------|-----|

Auxiliary contacts included: none • Auxiliary contacts max: 2NO+1NC

|     |     |                       |     |     |     |                |                 |      |
|-----|-----|-----------------------|-----|-----|-----|----------------|-----------------|------|
| 63  | 63  | II-flange / II-flange | 380 | 280 | 130 | OS63GBA3FCC4B  | 1SCA132768R1001 | 5.0  |
| 100 | 100 |                       | 560 | 380 | 180 | OS100GBA4FCC4B | 1SCA132551R1001 | 9.7  |
| 125 | 125 |                       | 560 | 380 | 180 | OS125GBA4FCC4B | 1SCA134507R1001 | 9.7  |
| 160 | 160 |                       | 560 | 380 | 180 | OS160GBA4FCC4B | 1SCA134509R1001 | 9.7  |
| 200 | 200 |                       | 560 | 380 | 180 | OS200BB2FCC4B  | 1SCA022280R9700 | 14.4 |

Cable knock-outs as standard, flanges have to be ordered separately.

## Ordering information

### Plastic enclosed switch fuses

#### Enclosed switch fuses, DIN-type, 3 pole, IP65

The delivery includes a black pistol handle (I-O/ON-OFF), N- and PE-terminals. The handle includes cover interlock and defeatable interlock function. Suitable for DIN fuses.



OS32...63GD000FCC3B



OS125...160GD000FCC3B,  
OS250D1FCC3B,  
OS125...160GD000FCC4B,



OS250D1FCC3B,  
OS250D1FCC4B



OS400D2FCC3B,  
OS400D2FCC4B

#### Cable entries from top and bottom, IP65

| Rated current                                                       |        | Cable<br>outlets/side     | Dimensions |       |       | Type            | Order number    | Weight<br>/unit<br>kg |
|---------------------------------------------------------------------|--------|---------------------------|------------|-------|-------|-----------------|-----------------|-----------------------|
| AC-22A                                                              | AC-23A |                           | Height     | Width | Depth |                 |                 |                       |
| 415V                                                                | 415V   |                           | mm         | mm    | mm    |                 |                 |                       |
| Auxiliary contacts included: none • Auxiliary contacts max: 1NO+1NC |        |                           |            |       |       |                 |                 |                       |
| 32                                                                  | 32     | II-flange / II-flange     | 380        | 280   | 130   | OS32GD000FCC3B  | 1SCA132447R1001 | 4.8                   |
| Auxiliary contacts included: none • Auxiliary contacts max: 2NO+1NC |        |                           |            |       |       |                 |                 |                       |
| 63                                                                  | 63     | II-flange / II-flange     | 380        | 280   | 130   | OS63GD000FCC3B  | 1SCA134494R1001 | 6.0                   |
| 125                                                                 | 125    |                           | 560        | 380   | 180   | OS125GD000FCC3B | 1SCA134497R1001 | 9.5                   |
| 160                                                                 | 160    |                           | 560        | 380   | 180   | OS160GD000FCC3B | 1SCA134496R1001 | 9.5                   |
| 250                                                                 | 250    | 2xII-flange / 2xII-flange | 560        | 380   | 180   | OS250D1FCC3B    | 1SCA022315R3070 | 13.8                  |
| 400                                                                 | 400    |                           | 760        | 560   | 250   | OS400D2FCC3B    | 1SCA022315R3400 | 12.4                  |

#### Enclosed switch fuses, DIN-type, 4 pole, IP65

#### Cable entries from top and bottom, IP65

| Rated current                                                       |        | Cable<br>outlets/side     | Dimensions |       |       | Type            | Order number    | Weight<br>/unit<br>kg |
|---------------------------------------------------------------------|--------|---------------------------|------------|-------|-------|-----------------|-----------------|-----------------------|
| AC-22A                                                              | AC-23A |                           | Height     | Width | Depth |                 |                 |                       |
| 415V                                                                | 415V   |                           | mm         | mm    | mm    |                 |                 |                       |
| Auxiliary contacts included: none • Auxiliary contacts max: 1NO+1NC |        |                           |            |       |       |                 |                 |                       |
| 32                                                                  | 32     | II-flange / II-flange     | 380        | 280   | 130   | OS32GD000FCC4B  | 1SCA134498R1001 | 5.0                   |
| Auxiliary contacts included: none • Auxiliary contacts max: 1NO+1NC |        |                           |            |       |       |                 |                 |                       |
| 63                                                                  | 63     | II-flange / II-flange     | 380        | 280   | 130   | OS63GD000FCC4B  | 1SCA134499R1001 | 5.0                   |
| 125                                                                 | 125    |                           | 560        | 380   | 180   | OS125GD000FCC4B | 1SCA134500R1001 | 9.7                   |
| 160                                                                 | 160    |                           | 560        | 380   | 180   | OS160GD000FCC4B | 1SCA134501R1001 | 9.7                   |
| 250                                                                 | 250    | 2xII-flange / 2xII-flange | 560        | 380   | 180   | OS250D1FCC4B    | 1SCA022315R3230 | 25.4                  |
| 400                                                                 | 400    |                           | 760        | 560   | 250   | OS400D2FCC4B    | 1SCA022628R6070 | 12.6                  |

Cable knock-outs as standard, flanges have to be ordered separately.

## Ordering information

### Steel sheet enclosed switch fuses



OS32...63GBA3LUU2FZ,  
OS20PA1LUU3FZ,  
OS32...63GBA3LUU3FZ



OS100...160GB4LUU2FZ,  
OS100...160GB4LUU3FZ



OS200BB2LUU2FZ,  
OS200BB2LUU3FZ



OS315BB3LUU2FZ,  
OS400BB4LUU2FZ,  
OS315BB3LUU3FZ,  
OS400BB4LUU3FZ



OS630BC2LUU2FZ,  
OS800BC3LUU2FZ



OS630BC2LUU3FZ,  
OS800BC3LUU3FZ

#### Enclosed switch fuses, BS-type, 2 pole, IP65

The delivery includes a black pistol handle (I-O/ON-OFF), N- and PE-terminals. The handle includes cover interlock and defeatable interlock function. Suitable for BS fuses.

##### Cable entries from top and bottom, IP65

| Rated current                                                       |        | Cable<br>outlets/side | Dimensions |       |       | Type                         | Order number    | Weight<br>/unit<br>kg |
|---------------------------------------------------------------------|--------|-----------------------|------------|-------|-------|------------------------------|-----------------|-----------------------|
| AC-22A                                                              | AC-23A |                       | Height     | Width | Depth |                              |                 |                       |
| 415V                                                                | 415V   |                       | mm         | mm    | mm    |                              |                 |                       |
| Auxiliary contacts included: none • Auxiliary contacts max: 2NO+2NC |        |                       |            |       |       |                              |                 |                       |
| 32                                                                  | 32     | Blank / Blank         | 400        | 250   | 180   | OS32GBA3LUU2FZ <sup>1)</sup> | 1SCA133885R1001 | 8.8                   |
| 63                                                                  | 63     |                       | 400        | 250   | 180   | OS63GBA3LUU2FZ <sup>1)</sup> | 1SCA133884R1001 | 8.8                   |
| Auxiliary contacts included: none • Auxiliary contacts max: 2NO+1NC |        |                       |            |       |       |                              |                 |                       |
| 100                                                                 | 100    | Blank / Blank         | 600        | 400   | 230   | OS100GBA4LUU2FZ              | 1SCA136811R1001 | 17.7                  |
| Auxiliary contacts included: none • Auxiliary contacts max: 2NO+2NC |        |                       |            |       |       |                              |                 |                       |
| 125                                                                 | 125    | Blank / Blank         | 600        | 400   | 230   | OS125GBA4LUU2FZ              | 1SCA136812R1001 | 17.7                  |
| 160                                                                 | 160    |                       | 600        | 400   | 230   | OS160GBA4LUU2FZ              | 1SCA136813R1001 | 17.7                  |
| Auxiliary contacts included: none • Auxiliary contacts max: 3NO+1NC |        |                       |            |       |       |                              |                 |                       |
| 200                                                                 | 200    | Blank / Blank         | 600        | 400   | 330   | OS200BB2LUU2FZ               | 1SCA022320R8310 | 27.1                  |
| 315                                                                 | 315    |                       | 800        | 400   | 330   | OS315BB3LUU2FZ               | 1SCA022320R8580 | 26.0                  |
| 400                                                                 | 400    |                       | 800        | 400   | 330   | OS400BB4LUU2FZ               | 1SCA022320R8740 | 26.5                  |
| 600                                                                 | 600    |                       | 1000       | 400   | 330   | OS630BC2LUU2FZ               | 1SCA022320R8910 | 39.0                  |
| 720                                                                 | 720    |                       | 1000       | 400   | 330   | OS800BC3LUU2FZ               | 1SCA022320R9120 | 59.3                  |

<sup>1)</sup> Knock-outs 10, 12.5, 20.5, 25.5, 32.5, 40.5 mm

#### Enclosed switch fuses, BS-type, 3 pole, IP65

The delivery includes a black pistol handle (I-O/ON-OFF), N- and PE-terminals. The handle includes cover interlock and defeatable interlock function. Suitable for BS fuses.

##### Cable entries from top and bottom, IP65

| Rated current                                                       |        | Cable<br>outlets/side | Dimensions |       |       | Type            | Order number    | Weight<br>/unit<br>kg |
|---------------------------------------------------------------------|--------|-----------------------|------------|-------|-------|-----------------|-----------------|-----------------------|
| AC-22A                                                              | AC-23A |                       | Height     | Width | Depth |                 |                 |                       |
| 415V                                                                | 415V   |                       | mm         | mm    | mm    |                 |                 |                       |
| Auxiliary contacts included: none • Auxiliary contacts max: 1NO+1NC |        |                       |            |       |       |                 |                 |                       |
| 20                                                                  | 20     | Blank / Blank         | 400        | 250   | 180   | OS20PA1LUU3FZ   | 1SCA022320R8400 | 8.3                   |
| 32                                                                  | 32     |                       | 400        | 250   | 180   | OS32GBA3LUU3FZ  | 1SCA136805R1001 | 9.4                   |
| Auxiliary contacts included: none • Auxiliary contacts max: 2NO+1NC |        |                       |            |       |       |                 |                 |                       |
| 63                                                                  | 63     | Blank / Blank         | 400        | 250   | 180   | OS63GBA3LUU3FZ  | 1SCA136809R1001 | 9.4                   |
| 100                                                                 | 100    |                       | 600        | 400   | 230   | OS100GBA4LUU3FZ | 1SCA132593R1001 | 20.0                  |
| 125                                                                 | 125    |                       | 600        | 400   | 230   | OS125GBA4LUU3FZ | 1SCA134526R1001 | 18.1                  |
| 160                                                                 | 160    |                       | 600        | 400   | 230   | OS160GBA4LUU3FZ | 1SCA134525R1001 | 18.1                  |
| 200                                                                 | 200    |                       | 600        | 400   | 330   | OS200BB2LUU3FZ  | 1SCA022320R9630 | 28.3                  |
| 315                                                                 | 315    |                       | 800        | 400   | 330   | OS315BB3LUU3FZ  | 1SCA022320R9800 | 27.5                  |
| 400                                                                 | 400    |                       | 800        | 400   | 330   | OS400BB4LUU3FZ  | 1SCA022321R0050 | 29.5                  |
| 600                                                                 | 600    |                       | 1000       | 800   | 330   | OS630BC2LUU3FZ  | 1SCA022321R0210 | 39.5                  |
| 720                                                                 | 720    |                       | 1000       | 800   | 330   | OS800BC3LUU3FZ  | 1SCA022321R0480 | 60.5                  |

## Ordering information

### Steel sheet enclosed switch fuses



OS20PA1LUU4FZ,  
OS32...63GBALUU4FZ



OS100...160GBA4LUU4FZ



OS200BB2LUU4FZ,  
OS315BB3LUU4FZ,  
OS400BB4LUU4FZ



OS630BC2LUU4FZ,  
OS800BC3LUU4FZ

#### Enclosed switch fuses, BS-type, 4 pole, IP65

The delivery includes a black pistol handle (I-O/ON-OFF), N- and PE-terminals. Delivery with blank cable entries. The handle includes cover interlock and defeatable interlock function. Suitable for BS fuses.

##### Cable entries from top and bottom, IP65

| Rated current                                                       |        | Cable<br>outlets/side | Dimensions |       |       | Type                         | Order number    | Weight<br>/unit<br>kg |
|---------------------------------------------------------------------|--------|-----------------------|------------|-------|-------|------------------------------|-----------------|-----------------------|
| AC-22A                                                              | AC-23A |                       | Height     | Width | Depth |                              |                 |                       |
| 415V                                                                | 415V   |                       | mm         | mm    | mm    |                              |                 |                       |
| Auxiliary contacts included: none • Auxiliary contacts max: 1NO+1NC |        |                       |            |       |       |                              |                 |                       |
| 20                                                                  | 20     | Blank / Blank         | 400        | 250   | 180   | OS20PA1LUU4FZ                | 1SCA022321R0640 | 8.4                   |
| 32                                                                  | 32     |                       | 400        | 250   | 180   | OS32GBA3LUU4FZ <sup>1)</sup> | 1SCA136807R1001 | 9.4                   |
| Auxiliary contacts included: none • Auxiliary contacts max: 2NO+1NC |        |                       |            |       |       |                              |                 |                       |
| 63                                                                  | 63     | Blank / Blank         | 400        | 250   | 180   | OS63GBA3LUU4FZ <sup>1)</sup> | 1SCA136810R1001 | 9.6                   |
| 100                                                                 | 100    |                       | 600        | 400   | 230   | OS100GBA4LUU4FZ              | 1SCA134529R1001 | 18.3                  |
| 125                                                                 | 125    |                       | 600        | 400   | 230   | OS125GBA4LUU4FZ              | 1SCA134528R1001 | 18.3                  |
| 160                                                                 | 160    |                       | 600        | 400   | 230   | OS160GBA4LUU4FZ              | 1SCA134527R1001 | 18.3                  |
| 200                                                                 | 200    |                       | 800        | 400   | 330   | OS200BB2LUU4FZ               | 1SCA022320R6530 | 29.2                  |
| 315                                                                 | 315    |                       | 800        | 400   | 330   | OS315BB3LUU4FZ               | 1SCA022320R6700 | 28.5                  |
| 400                                                                 | 400    |                       | 800        | 400   | 330   | OS400BB4LUU4FZ               | 1SCA022320R6960 | 29.0                  |
| 600                                                                 | 600    |                       | 1000       | 800   | 330   | OS630BC2LUU4FZ               | 1SCA022320R7180 | 63.0                  |
| 720                                                                 | 720    |                       | 1000       | 800   | 330   | OS800BC3LUU4FZ               | 1SCA022320R7340 | 66.5                  |

<sup>1)</sup>OS32\_ and OS63\_ have knock outs: 10mm, 12.5mm, 20.5mm, 25.5mm

## Ordering information

### Steel sheet enclosed switch fuses

#### Enclosed switch fuses, DIN-type, 3 pole, IP65

The delivery includes a black pistol handle (I-O/ON-OFF), N- and PE-terminals. The handle includes cover interlock and defeatable interlock function. Suitable for DIN fuses.



OS125GD00LAA3BZ,  
OS160GD00LAA3BZ



OS250D1LAA3BZ,  
OS400D2LAA3BZ



OS630...800D3LAA3BZ



OS160GD00LUU3BZ



OS250D1LUU3BZ,  
OS400D2LUU3BZ



OS630D3LUU3BZ



OS160GD00LCC3BZ



OS250D1LCCBZ,  
OS400D2LCC3BZ



OS250D1LUR3BZ

#### Cable entries from top and bottom

| Rated current |        | Cable<br>outlets/side | Dimensions |       |       | Cover<br>flanges<br>included<br>[pcs] | Type | Order number | Weight<br>/unit<br>kg |
|---------------|--------|-----------------------|------------|-------|-------|---------------------------------------|------|--------------|-----------------------|
| AC-22A        | AC-23A |                       | Height     | Width | Depth |                                       |      |              |                       |
| 415V          | 415V   |                       | mm         | mm    | mm    |                                       |      |              |                       |
| kW/A          | kW/A   |                       |            |       |       |                                       |      |              |                       |

#### Delivery without cable entries, top and bottom sides are open

Auxiliary contacts included: none • Auxiliary contacts max: 1NO+1NC

|    |    |             |     |     |     |   |                 |                 |     |
|----|----|-------------|-----|-----|-----|---|-----------------|-----------------|-----|
| 32 | 32 | Open / Open | 400 | 250 | 180 | - | OS32GD000LAA3BZ | 1SCA136800R1001 | 8.8 |
|----|----|-------------|-----|-----|-----|---|-----------------|-----------------|-----|

#### Delivery without cable entries, top and bottom sides are open

Auxiliary contacts included: none • Auxiliary contacts max: 2NO+1NC

|     |     |             |      |     |     |   |                 |                 |      |
|-----|-----|-------------|------|-----|-----|---|-----------------|-----------------|------|
| 63  | 63  | Open / Open | 400  | 250 | 180 | - | OS63GD000LAA3BZ | 1SCA136801R1001 | 7.8  |
| 125 | 125 |             | 600  | 400 | 230 | - | OS125GD00LAA3BZ | 1SCA134522R1001 | 18.0 |
| 160 | 160 |             | 600  | 400 | 230 | - | OS160GD00LAA3BZ | 1SCA134061R1001 | 18.0 |
| 250 | 250 |             | 800  | 400 | 330 | - | OS250D1LAA3BZ   | 1SCA022325R4180 | 28.6 |
| 400 | 400 |             | 800  | 400 | 330 | - | OS400D2LAA3BZ   | 1SCA022325R4340 | 29.6 |
| 600 | 600 |             | 1000 | 800 | 330 | - | OS630D3LAA3BZ   | 1SCA022325R4770 | 59.5 |
| 720 | 720 |             | 1000 | 800 | 330 | - | OS800D3LAA3BZ   | 1SCA104509R1001 | 59.5 |

Cable entries for C-flanges or for ring-flanges have to be ordered separately, see accessories. These entries are used also for fixing the enclosed switch-disconnectors. Cover flanges have to be ordered separately too.

Auxiliary contacts included: none • Auxiliary contacts max: 2NO+1NC

|     |     |               |      |     |     |   |                 |                 |      |
|-----|-----|---------------|------|-----|-----|---|-----------------|-----------------|------|
| 160 | 160 | Blank / Blank | 600  | 400 | 230 | - | OS160GD00LUU3BZ | 1SCA141673R1001 | 22.0 |
| 250 | 250 |               | 800  | 400 | 330 | - | OS250D1LUU3BZ   | 1SCA141674R1001 | 34.2 |
| 400 | 400 |               | 800  | 400 | 330 | - | OS400D2LUU3BZ   | 1SCA141675R1001 | 35.2 |
| 600 | 600 |               | 1000 | 800 | 330 | - | OS630D3LUU3BZ   | 1SCA141676R1001 | 54.5 |

The end plates contain knock outs: 10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm

Auxiliary contacts included: none • Auxiliary contacts max: 2NO+1NC

|     |     |                            |      |     |     |   |                 |                 |      |
|-----|-----|----------------------------|------|-----|-----|---|-----------------|-----------------|------|
| 160 | 160 | 2xC-flange /<br>2xC-flange | 600  | 400 | 230 | 2 | OS160GD00LCC3BZ | 1SCA134060R1001 | 22.0 |
| 250 | 250 | 3xC-flange /<br>3xC-flange | 1000 | 400 | 330 | 4 | OS250D1LCC3BZ   | 1SCA110108R1001 | 34.2 |
| 400 | 400 |                            | 1000 | 400 | 330 | 4 | OS400D2LCC3BZ   | 1SCA110109R1001 | 35.2 |

Cable entry plate for ring flange type includes.

One incoming and one outgoing cable is considered. Ring flange covers included.

End plates contain knock outs: 10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm to cover the rest of the holes.

Auxiliary contacts included: none • Auxiliary contacts max: 2NO+1NC

|     |     |                          |      |     |     |   |                |                 |      |
|-----|-----|--------------------------|------|-----|-----|---|----------------|-----------------|------|
| 250 | 250 | Blank /<br>4xring-flange | 1000 | 400 | 330 | 0 | OS250D1LUR3BZ  | 1SCA022611R2080 | 29.0 |
| 720 | 720 | Blank /<br>8xring-flange | 1000 | 800 | 330 | 0 | OS800D3AUR3BTZ | 1SCA128367R1001 | 79.5 |

## Ordering information

### Steel sheet enclosed switch fuses



OS125...160GD00LAA4BZ



OS400D2LAA4BZ



OS630D3LAA4BZ



OS125GD00LCC4BZ

#### Enclosed switch fuses, DIN-type, 4 pole, IP65

The delivery includes a black pistol handle (I-O/ON-OFF), PE-terminals. Delivery without cable entries, top and bottom sides are open. The handle includes cover interlock and defeatable interlock function. Suitable for DIN fuses.

##### Cable entries from top and bottom

| Rated current                                                       |        | Cable<br>outlets/side | Dimensions |       |       | Cover<br>flanges<br>included<br>[pcs] | Type            | Order number    | Weight<br>/unit<br>kg |
|---------------------------------------------------------------------|--------|-----------------------|------------|-------|-------|---------------------------------------|-----------------|-----------------|-----------------------|
| AC-22A                                                              | AC-23A |                       | Height     | Width | Depth |                                       |                 |                 |                       |
| 415V                                                                | 415V   |                       |            | mm    | mm    | mm                                    |                 |                 |                       |
| kW/A                                                                | kW/A   |                       |            |       |       |                                       |                 |                 |                       |
| Auxiliary contacts included: none • Auxiliary contacts max: 1NO+1NC |        |                       |            |       |       |                                       |                 |                 |                       |
| 32                                                                  | 32     | Open / Open           | 400        | 250   | 180   | -                                     | OS32GD000LAA4BZ | 1SCA136803R1001 | 8.0                   |
| Auxiliary contacts included: none • Auxiliary contacts max: 2NO+1NC |        |                       |            |       |       |                                       |                 |                 |                       |
| 63                                                                  | 63     | Open / Open           | 400        | 250   | 180   | -                                     | OS63GD000LAA4BZ | 1SCA136802R1001 | 8.0                   |
| 125                                                                 | 125    |                       | 600        | 400   | 230   | -                                     | OS125GD00LAA4BZ | 1SCA134523R1001 | 18.2                  |
| 160                                                                 | 160    |                       | 600        | 400   | 230   | -                                     | OS160GD00LAA4BZ | 1SCA134524R1001 | 18.2                  |
| 250                                                                 | 250    |                       | 800        | 400   | 230   | -                                     | OS250D1LAA4BZ   | 1SCA022320R7000 | 28.3                  |
| 400                                                                 | 400    |                       | 800        | 400   | 330   | -                                     | OS400D2LAA4BZ   | 1SCA022320R7420 | 30.5                  |
| 600                                                                 | 600    |                       | 1000       | 800   | 330   | -                                     | OS630D3LAA4BZ   | 1SCA022320R7850 | 63.0                  |
| 720                                                                 | 720    |                       | 1200       | 800   | 330   | -                                     | OS800D3LAA4BZ   | 1SCA022320R8230 | 63.0                  |

##### Cable entries from top and bottom

| Rated current                                                                                                                                                                                                                                                                         |              | Cable<br>outlets/side      | Dimensions   |             |             | Cover<br>flanges<br>included<br>[pcs] | Type            | Order number    | Weight<br>/unit<br>kg |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------------------|--------------|-------------|-------------|---------------------------------------|-----------------|-----------------|-----------------------|
| AC-22A                                                                                                                                                                                                                                                                                | AC-23A       |                            | Height<br>mm | Width<br>mm | Depth<br>mm |                                       |                 |                 |                       |
| 415V<br>kW/A                                                                                                                                                                                                                                                                          | 415V<br>kW/A |                            |              |             |             |                                       |                 |                 |                       |
| One incoming and one outgoing cable are considered. Delivery includes C-flange cover plates when more than one cable entry is available. The end plates contain knock outs: 10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm. Auxiliary contacts included: none • Auxiliary contacts max: 1NO+1NC |              |                            |              |             |             |                                       |                 |                 |                       |
| 63                                                                                                                                                                                                                                                                                    | 63           | C-flange /<br>C-flange     | 400          | 250         | 180         | 0                                     | OS63GD000LCC4BZ | 1SCA137594R1001 | 9.6                   |
| 125                                                                                                                                                                                                                                                                                   | 125          | 2xC-flange /<br>2xC-flange | 600          | 400         | 230         | 2                                     | OS125GD00LCC4BZ | 1SCA134974R1001 | 23.0                  |

One incoming and one outgoing cable are considered. Delivery includes C-flange cover plates when more than one cable entry is available. The end plates contain knock outs: 10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm.

Auxiliary contacts included: none • Auxiliary contacts max: 1NO+1NC











# Accessories

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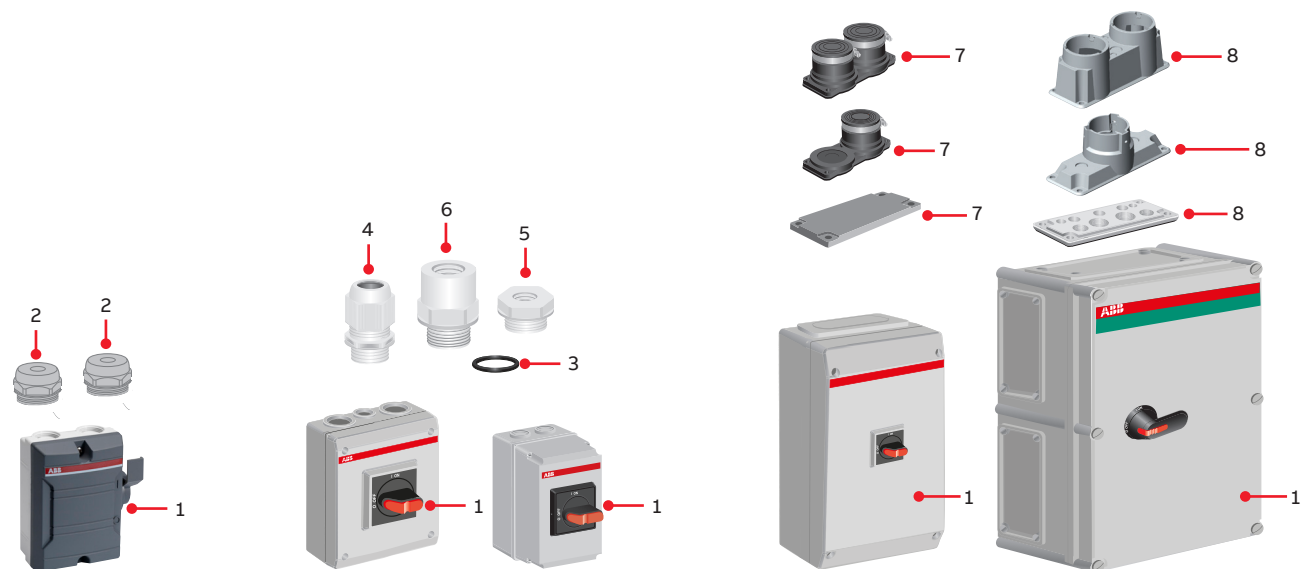
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## Accessories

### Selection overview

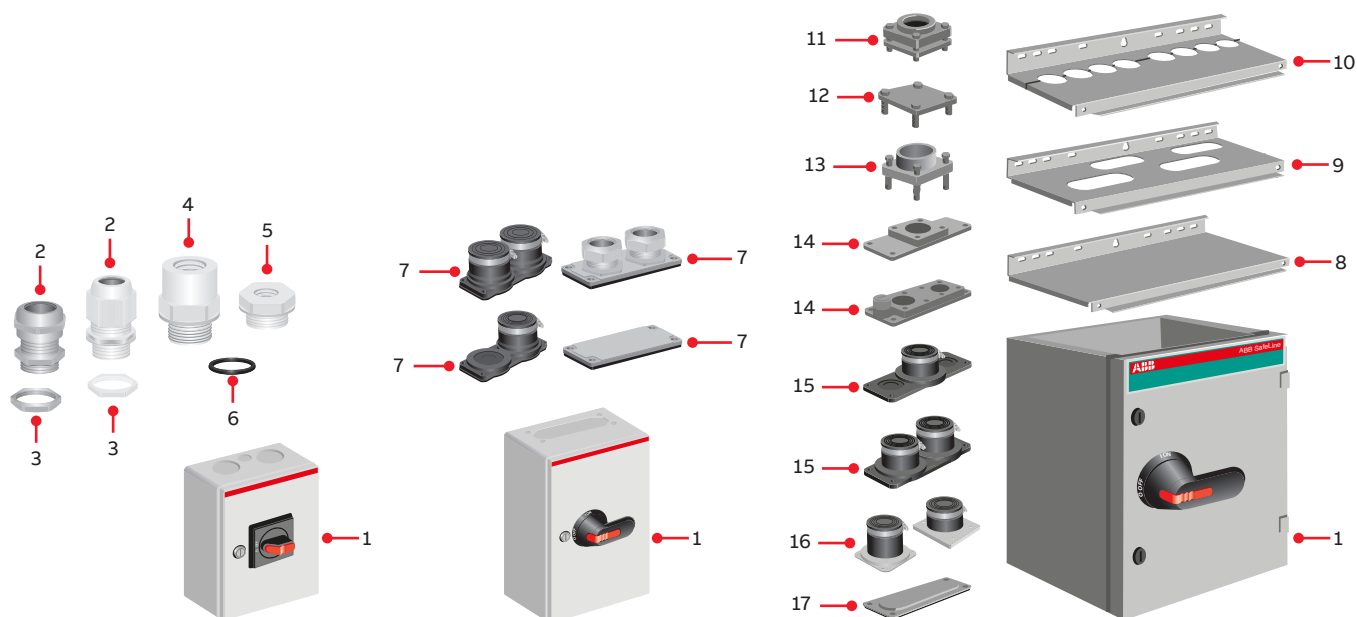
#### Plastic enclosures

Side and front operated



1 Enclosure | 2 Membrane gland/sealing plug (included) | 3 Gasket | 4 Compression gland | 5 Adapter (reducer) | 6 Adapter (expander) | 7 I-Flange | 8 II-Flange

#### Steel sheet enclosures

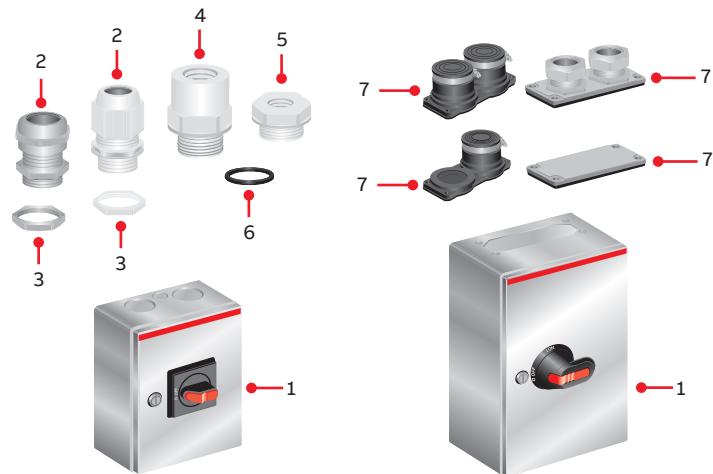


1 Enclosure | 2 Compression gland | 3 Locking nut | 4 Adapter (expander) | 5 Adapter (reducer) | 6 Gasket | 7 B-flange | 8 Blank cable entry | 9 Cable entry with C-flange entries | 10 Cable entry with ring-flange entries | 11 Ring-flange | 12 Ring-flange cover | 13 Plate extension for ring-flanges | 14 Ring-flange adapters for C-flange covers | 15 C-flange | 16 Cable inlets | 17 C-flange cover

## Accessories

### Selection overview

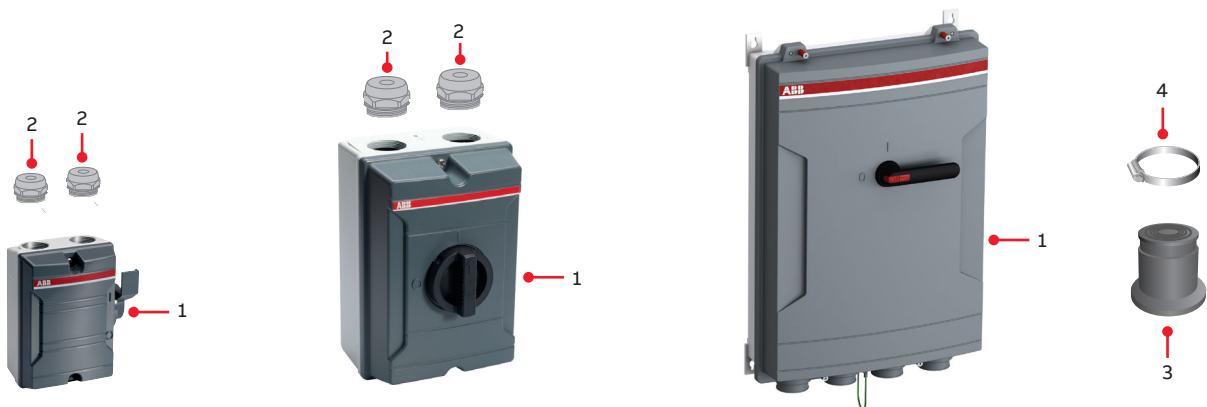
#### Stainless steel sheet enclosures



1 Enclosure | 2 Compression gland | 3 Locking nut | 4 Adapter (expander) | 5 Adapter (reducer) | 6 Gasket | 7 B-flange

#### Aluminum enclosures

##### Side and front operated



1 Enclosure | 2 Membrane gland/sealing plug (included) | 3 Cable tightening / gland (included) | 4 Hose clamp (included)

## Ordering information

### Accessories



OHBS2AJ



OHB65J6



OHB95J12



OHB125J12



OHB274J12



OHB45J6



OHB145J12



OHB175J12

#### Black handles for safety switches, plastic

Indication I-O and ON-OFF, IP65. The handles are padlockable with 3 padlocks in O-position, door interlock in I-position, defeatable.

| For safety switches | Handle length | Shaft diameter | Type | Order number | Units/ type | Weight/ unit |
|---------------------|---------------|----------------|------|--------------|-------------|--------------|
|                     | mm            | mm             |      |              | pcs         | kg           |

#### Selector handle for 3- and 4-pole safety switches, IP65

|             |  |  |         |                 |   |  |
|-------------|--|--|---------|-----------------|---|--|
| OT16_...90E |  |  | OHBS2AJ | 1SCA022347R4030 | 1 |  |
|-------------|--|--|---------|-----------------|---|--|

#### Pistol handle for 3- and 4-pole safety switches, IP65

|                 |     |    |           |                 |   |      |
|-----------------|-----|----|-----------|-----------------|---|------|
| OT90_...250_    | 65  | 6  | OHB65J6   | 1SCA022380R9660 | 1 | 0.12 |
| OT315_...400_   | 95  | 12 | OHB95J12  | 1SCA022381R0830 | 1 | 0.16 |
| OT630_...800_   | 125 | 12 | OHB125J12 | 1SCA022381R1560 | 1 | 0.17 |
| OT1000_...1250_ | 274 | 12 | OHB274J12 | 1SCA115920R1001 | 1 | 0.54 |

#### Pistol handle for 6-pole safety switches, IP65

|              |     |    |           |                 |   |      |
|--------------|-----|----|-----------|-----------------|---|------|
| OT25_...75_  | 45  | 6  | OHB45J6   | 1SCA022380R8770 | 1 | 0.10 |
| OTP75_...90_ | 45  | 6  | OHB45J6   | 1SCA022380R8770 | 1 | 0.10 |
| OT90_...800_ | 145 | 12 | OHB145J12 | 1SCA022381R2110 | 1 | 0.17 |
| OT1000_      | 175 | 12 | OHB175J12 | 1SCA022381R2450 | 1 | 0.18 |

#### Pistol handle for 2-, 3- and 4-pole enclosed switch fuses, indication I-O and ON-OFF

|              |     |    |           |                 |   |      |
|--------------|-----|----|-----------|-----------------|---|------|
| OS20_...250  | 65  | 6  | OHB65J6   | 1SCA022380R9660 | 1 | 0.12 |
| OS315_...400 | 95  | 12 | OHB95J12  | 1SCA022381R0830 | 1 | 0.16 |
| OS630_...800 | 145 | 12 | OHB145J12 | 1SCA022381R2110 | 1 | 0.17 |

#### Red-yellow handles for safety switches, plastic

Indication I-O and ON-OFF, IP65. The handles are padlockable with 3 padlocks in O-position, door interlock in I-position, defeatable.



OHYS2AJ



OHY65J6



OHY95J12



OHY125J12



OHY274J12



OHY45J6



OHY145J12



OHY175J12

| For safety switches | Handle length | Shaft diameter | Type | Order number | Units/ type | Weight/ unit |
|---------------------|---------------|----------------|------|--------------|-------------|--------------|
|                     | mm            | mm             |      |              | pcs         | kg           |

#### Selector handle for 3- and 4-pole safety switches, IP65

|              |  |  |         |                 |   |  |
|--------------|--|--|---------|-----------------|---|--|
| OT16_...90E_ |  |  | OHYS2AJ | 1SCA022353R2840 | 1 |  |
|--------------|--|--|---------|-----------------|---|--|

#### Pistol handle for 3- and 4-pole safety switches, IP65

|                  |     |    |           |                 |   |      |
|------------------|-----|----|-----------|-----------------|---|------|
| OT90_...250_     | 65  | 6  | OHY65J6   | 1SCA022380R9820 | 1 | 0.12 |
| OT315_...400_    | 95  | 12 | OHY95J12  | 1SCA022381R1050 | 1 | 0.16 |
| OT630_...800_    | 125 | 12 | OHY125J12 | 1SCA022381R1720 |   | 0.17 |
| OT1000_...OT1250 | 274 | 12 | OHY274J12 | 1SCA115919R1001 | 1 | 0.54 |

#### Pistol handle for 6-pole safety switches, IP65

|              |     |    |           |                 |   |      |
|--------------|-----|----|-----------|-----------------|---|------|
| OT25_...75_  | 45  | 6  | OHY45J6   | 1SCA022380R8930 | 1 | 0.10 |
| OTP75_...90_ | 45  | 6  | OHY45J6   | 1SCA022380R8930 | 1 | 0.10 |
| OT90_...800_ | 145 | 12 | OHY145J12 | 1SCA022381R2370 | 1 | 0.17 |
| OT1000_      | 175 | 12 | OHY175J12 | 1SCA022381R2700 | 1 | 0.18 |

Door interlocking in I-position means prevents door from being opened when the handle is in ON-position. It can be defeated in IP65 types to allow authorized personnel access for inspection.



## Ordering information

### Accessories



OHB45J6



OHB65J6



OHB95J12



OHB45J6E011



OHB65J6E011



OHB145J12



OHB125J12E011

#### Black handles for enclosed switch-disconnectors, plastic

Indication I-O and ON-OFF, IP65. The handles are padlockable with 3 padlocks in O-position, door interlock in I-position, defeatable.

| Suitable for switches | Handle length | Shaft diameter | Type | Order number | Units/type | Weight/unit |
|-----------------------|---------------|----------------|------|--------------|------------|-------------|
|                       | mm            | mm             |      |              | pcs        | kg          |

#### Pistol handle for 3- and 4-pole enclosed switch-disconnectors, indication I-O and ON-OFF

|                         |     |    |           |                 |   |      |
|-------------------------|-----|----|-----------|-----------------|---|------|
| OTL/OTR100...125, OT125 | 45  | 6  | OHB45J6   | 1SCA022380R8770 | 1 | 0.10 |
| OT160...250             | 65  | 6  | OHB65J6   | 1SCA022380R9660 | 1 | 0.12 |
| OT315...400             | 95  | 12 | OHB95J12  | 1SCA022381R0830 | 1 | 0.16 |
| OT630...800             | 125 | 12 | OHB125J12 | 1SCA022381R1560 | 1 | 0.17 |
| OT1000...1600           | 274 | 12 | OHB274J12 | 1SCA115920R1001 | 1 | 0.54 |

#### Pistol handle for 6-pole enclosed switch-disconnectors, indication I-O and ON-OFF

|                                   |     |    |           |                 |   |      |
|-----------------------------------|-----|----|-----------|-----------------|---|------|
| OTP/OTL/OTR45...63, OTP125, OT125 | 45  | 6  | OHB45J6   | 1SCA022380R8770 | 1 | 0.10 |
| OT160...250                       | 65  | 6  | OHB65J6   | 1SCA022380R9660 | 1 | 0.12 |
| OT315...800                       | 145 | 12 | OHB145J12 | 1SCA022381R2110 | 1 | 0.17 |

#### Pistol handle for 3- and 4-pole enclosed change-over switches, indication I-O-II, padlockable in O-position

|               |     |    |               |                 |   |      |
|---------------|-----|----|---------------|-----------------|---|------|
| OT16...125_C  | 45  | 6  | OHB45J6E011   | 1SCA022594R7110 | 1 | 0.10 |
| OT160...250_C | 65  | 6  | OHB65J6E011   | 1SCA022383R2480 | 1 | 0.12 |
| OT315...400_C | 95  | 12 | OHB95J12E011  | 1SCA022621R0760 | 1 | 0.16 |
| OT630...800_C | 125 | 12 | OHB125J12E011 | 1SCA022589R3340 | 1 | 0.17 |

#### Pistol handle for 2-, 3- and 4-pole enclosed switch fuses, indication I-O and ON-OFF

|             |     |    |           |                 |   |      |
|-------------|-----|----|-----------|-----------------|---|------|
| OS20...250  | 65  | 6  | OHB65J6   | 1SCA022380R9660 | 1 | 0.12 |
| OS315...400 | 95  | 12 | OHB95J12  | 1SCA022381R0830 | 1 | 0.16 |
| OS630...800 | 145 | 12 | OHB145J12 | 1SCA022381R2110 | 1 | 0.17 |

#### Red-yellow handles for enclosed switch-disconnectors, plastic

Indication I-O and ON-OFF, IP65. The handles are padlockable with 3 padlocks in O-position, door interlock in I-position, defeatable.



OHY95J12



OHY45J6



OHY65J6



OHY125J12

| Suitable for switches | Handle length | Shaft diameter | Type | Order number | Units/type | Weight/unit |
|-----------------------|---------------|----------------|------|--------------|------------|-------------|
|                       | mm            | mm             |      |              | pcs        | kg          |

#### Pistol type for 3- and 4-pole enclosed switch-disconnectors

|                         |     |    |           |                 |   |      |
|-------------------------|-----|----|-----------|-----------------|---|------|
| OTL/OTR100...125, OT125 | 45  | 6  | OHY45J6   | 1SCA022380R8930 | 1 | 0.10 |
| OT160...250             | 65  | 6  | OHY65J6   | 1SCA022380R9820 | 1 | 0.12 |
| OT315...400             | 95  | 12 | OHY95J12  | 1SCA022381R1050 | 1 | 0.16 |
| OT630...800             | 125 | 12 | OHB125J12 | 1SCA022381R1560 | 1 | 0.17 |

#### Pistol type for 6-pole enclosed switch-disconnectors

|                            |    |   |         |                 |   |      |
|----------------------------|----|---|---------|-----------------|---|------|
| OTP/OTL/OTR45...63, OTP125 | 45 | 6 | OHY45J6 | 1SCA022380R8930 | 1 | 0.10 |
|----------------------------|----|---|---------|-----------------|---|------|

Door interlocking in I-position means prevents door from being opened when the handle is in ON-position. It can be defeated in IP65 types to allow authorized personnel access for inspection. The door is interlocked when the handle is padlocked. Handles padlockable also in ON-position are available on request.

## Ordering information

### Accessories



OHBS2AJEH



OHM65L6



OHM125L12



OHM175L12

#### Metallic handles for safety switches, stainless steel

| Suitable for switches | Handle length | Shaft diameter | Type | Order number | Units/ type | Weight/ unit |
|-----------------------|---------------|----------------|------|--------------|-------------|--------------|
|                       | mm            | mm             |      |              | pcs         | kg           |

##### Selector handle with metal hasp, IP65 - Indication I-O and ON-OFF

|             |  |  |           |                 |   |      |
|-------------|--|--|-----------|-----------------|---|------|
| OT16...90E_ |  |  | OHBS2AJEH | 1SCA108230R1001 | 1 | 0.54 |
|-------------|--|--|-----------|-----------------|---|------|

##### Stainless steel pistol type handles, for 3-pole safety switches, IP65

The handles are padlockable with 3 padlocks in O-position, door interlock in I-position, defeatable

|             |     |    |           |                 |   |      |
|-------------|-----|----|-----------|-----------------|---|------|
| OT25...75_  | 65  | 6  | OHM65L6   | 1SCA022739R1070 | 1 | 0.73 |
| OT90...800_ | 125 | 12 | OHM125L12 | 1SCA022739R1150 | 1 | 0.76 |
| OT1000_     | 175 | 12 | OHM175L12 | 1SCA022739R1230 | 1 | 0.83 |

##### Stainless steel pistol type handles, for 6-pole safety switches, IP65

The handles are padlockable with 3 padlocks in O-position, door interlock in I-position, defeatable

|             |     |    |           |                 |   |      |
|-------------|-----|----|-----------|-----------------|---|------|
| OT25...75_  | 65  | 6  | OHM65L6   | 1SCA022739R1070 | 1 | 0.73 |
| OT90...800_ | 175 | 12 | OHM175L12 | 1SCA022739R1230 | 1 | 0.83 |

#### Metallic hasp for pistol handle



OHZX12



OHZX13

| Suitable for switches                | Handle length | Shaft diameter | Type   | Order number    | Units/ type | Weight/ unit |
|--------------------------------------|---------------|----------------|--------|-----------------|-------------|--------------|
|                                      | mm            | mm             |        |                 | pcs         | kg           |
| For selector handles                 |               |                | OHZX12 | 1SCA022836R7650 | 1           | 0.10         |
| For pistol handles OHB45_ to OHB175_ |               |                | OHZX13 | 1SCA022841R5480 | 1           | 0.16         |

Door interlocking in I-position means prevents door from being opened when the handle is in ON-position. It can be defeated in IP65 types to allow authorized personnel access for inspection

## Ordering information

### Accessories



OXN250



OXN400



OXN800T



OXN1250T



OA1G10



OA2G11



OA3G01



OBEA01

#### Neutral Links

| For switches                                              | Ith [A] | Type     | Order number    | Units/<br>type<br>pcs | Weight<br>kg |
|-----------------------------------------------------------|---------|----------|-----------------|-----------------------|--------------|
| <b>Detachable, mountable separately to the base plate</b> |         |          |                 |                       |              |
| OS200_, OS250_, OT160...250                               | 250     | OXN250   | 1SCA022752R9950 | 1                     | 0.26         |
| OS315_, OS400_, OT315_, OT400_                            | 400     | OXN400   | 1SCA022770R3060 | 1                     | 0.70         |
| OT630_, OT800_                                            | 800     | OXN800T  | 1SCA022829R0840 | 1                     | 0.96         |
| OT1000_...OT1600_                                         | 1250    | OXN1250T | 1SCA104162R1001 | 1                     | 2.20         |

#### Auxiliary contacts

##### Auxiliary contacts for enclosed switch-disconnectors

##### OT\_16...125F, KSF\_25...40, KSE\_25...125 and BW\_16...40

The auxiliary contacts n.o. open before the main contacts. For the max. number of auxiliary contacts, see the ordering information tables.

| For switches                   | Auxiliary contact | Mounting   | Type   | Order number    | Delivery batch<br>pcs | Weight<br>kg |
|--------------------------------|-------------------|------------|--------|-----------------|-----------------------|--------------|
| OK_, OT_16...125, KSE 63...125 | 1no               | right side | OA1G10 | 1SCA022353R4970 | 10                    | 0.03         |
| OK_, OT_16...125, KSE 63...125 | 1no               | left side  | OA7G10 | 1SCA022673R1140 | 10                    | 0.03         |
| OK_, OT_16...125, KSE 63...125 | 1nc               | left side  | OA1G01 | 1SCA022353R4890 | 10                    | 0.03         |
| BW_/KSE_16...40, KSF_25...40   | 1no               | left side  | OBEA10 | 1SCA022190R3000 | 10                    | 0.01         |
| BW_/KSE_16...40, KSF_25...40   | 1nc               | left side  | OBEA01 | 1SCA022190R3260 | 10                    | 0.01         |
| OK_, OT_16...125F              | 1no+1nc           | both sides | OA2G11 | 1SCA022379R8100 | 10                    | 0.03         |

##### Auxiliary contacts for switch-disconnectors OT160EV...1600, OS\_<sup>1)</sup>

For the max. number of auxiliary contacts, see the ordering information tables.

| For switches        | Auxiliary contact | Type   | Order number    | Delivery batch<br>pcs | Weight<br>kg |
|---------------------|-------------------|--------|-----------------|-----------------------|--------------|
| OT160EV...1600, OS_ | 1no               | OA1G10 | 1SCA022353R4970 | 10                    | 0.03         |
| OT160EV...1600, OS_ | 1nc               | OA3G01 | 1SCA022456R7410 | 10                    | 0.03         |

<sup>1)</sup> Types \_AU for extremely difficult circumstances, even at low voltages. The contacts are gold plated.

<sup>2)</sup> Not mountable on the side as the fourth pole.

## Ordering information

### Accessories



OA1G10



OA3G01



OA2G11



OBEA01



OBEA10



OA3G01

#### Auxiliary contacts for safety switches OTP\_, OTE\_, OT16...90E, OTR\_, OTL\_, BWS\_ and LBAS\_

Snap-on mounting to the switch, the auxiliary contacts (no) open before the main contacts. The type and order number are for one piece.

| For safety switch                      | Auxiliary contact | Mounting to the side of the switch | Type   | Order number    | Delivery batch pcs | Weight/unit kg |
|----------------------------------------|-------------------|------------------------------------|--------|-----------------|--------------------|----------------|
| OTP_, OTE_, OT16...90E, OTR_, OTL_     | 1no               | right                              | OA1G10 | 1SCA022353R4970 | 10                 | 0.03           |
| OTP_, OTE_, OT16...90E, OTR_, OTL_     | 1nc               | left                               | OA1G01 | 1SCA022353R4890 | 10                 | 0.03           |
| LBAS345...390, 475...490, 675_         | 1no               | right                              | OA1G10 | 1SCA022353R4970 | 10                 | 0.03           |
| LBAS345...390, 475...490, 675_         | 1nc               | left                               | OA1G01 | 1SCA022353R4890 | 10                 | 0.03           |
| OTR_, OTL_, 3- and 4-pole, OTP_ 6-pole | 1no+1nc           | left                               | OA2G11 | 1SCA022379R8100 | 10                 | 0.06           |
| BWS316...625, LBAS316...425            | 1no               |                                    | OBEA10 | 2CMA144519R1000 | 10                 | 0.01           |
| BWS316...625, LBAS316...425            | 1nc               |                                    | OBEA01 | 2CMA144520R1000 | 10                 | 0.01           |

#### Auxiliary contacts for safety switches OT90\_...1250\_

Early break-type contacts (I-O). Additional auxiliary contacts can be mounted to the safety switches, or they can be changed to another contact function. For the max. number of auxiliary contacts, see the ordering information tables. The type and order number are for one piece.

| For safety switches | Auxiliary contact | Type <sup>1)</sup> | Order number    | Delivery batch pcs | Weight/unit kg |
|---------------------|-------------------|--------------------|-----------------|--------------------|----------------|
| OT90G...125G        | 1no               | OA1G10             | 1SCA022353R4970 | 10                 | 0.03           |
| OT90G...125G        | 1nc               | OA1G01             | 1SCA022353R4890 | 10                 | 0.03           |
| OT160_...1250_      | 1no               | OA1G10             | 1SCA022353R4970 | 10                 | 0.03           |
| OT160_...1250_      | 1nc               | OA3G01             | 1SCA022456R7410 | 10                 | 0.03           |
| OT160_...1250_      | 1no               | OA1G10AU           | 1SCA022436R7910 | 10                 | 0.03           |
| OT160_...1250_      | 1nc               | OA3G01AU           | 1SCA022819R5260 | 10                 | 0.03           |

<sup>1)</sup> Types \_AU for extremely difficult circumstances, even at low voltages. The contacts are gold plated.

## Ordering information

### Accessories



OA1G01



OA2G11



OBEA01

#### Technical data of auxiliary contacts:

|                                                            |               | OA_                            | OBEA_ and OZXK_               |
|------------------------------------------------------------|---------------|--------------------------------|-------------------------------|
| Protection class                                           |               | IP20                           | IP20                          |
| Rated thermal current I <sub>th</sub> / Insulation voltage |               | 16 A / 690 V                   | 10 A / 690 V                  |
| Cable cross section, max. / min.                           |               | 2 x 2.5 / 0.75 mm <sup>2</sup> | 2 x 2.5 / 0.5 mm <sup>2</sup> |
| Operational current in different voltages, (IEC 60947-5-1) |               |                                |                               |
| AC-15                                                      | 230 V         | 6 A                            | -                             |
|                                                            | 400 V / 415 V | 4 A                            | -                             |
|                                                            | 690 V         | 2 A                            | -                             |
| AC-12                                                      | 120 V / 240 V | -                              | 8 A / 6 A                     |
|                                                            | 400 / 415 V   | -                              | 4 A                           |
|                                                            | 480 / 500 V   | -                              | 3 A                           |
|                                                            | 690 V         | -                              | 2 A                           |
| DC-12                                                      | 24 V / 72 V   | 10 A / 4 A                     | 5 A / 1.9 A                   |
|                                                            | 125 V / 250 V | 2 A / 0.55 A                   | 1.1 A / 0.55 A                |
|                                                            | 440 V / 500 V | 0.1 A / -                      | 0.31 A / 0.27 A               |
|                                                            | 600 V         | -                              | 0.2 A                         |

## Ordering information

Technical data for auxiliary contacts

Performance data of auxiliary contacts according to IEC 60947-5-1

| For OA1G_, OA3G_      |                     |                       |                     |       |                     |       |
|-----------------------|---------------------|-----------------------|---------------------|-------|---------------------|-------|
| AC15                  |                     | DC12                  |                     |       | DC13                |       |
| U <sub>e</sub> /[VAC] | I <sub>e</sub> /[A] | U <sub>e</sub> /[VDC] | I <sub>e</sub> /[A] | P/[W] | I <sub>e</sub> /[A] | P/[W] |
| 230                   | 6                   | 24                    | 10                  | 240   | 2                   | 50    |
| 400                   | 4                   | 72                    | 4                   | 290   | 0.8                 | 60    |
| 415                   | 4                   | 125                   | 2                   | 250   | 0.55                | 70    |
| 690                   | 2                   | 250                   | 0.55                | 140   | 0.27                | 70    |
|                       |                     | 440                   | 0.1                 | 44    |                     |       |

| For OA1G_, OA3G_       |                                          |
|------------------------|------------------------------------------|
| U <sub>i</sub> /[V]    | 690                                      |
| U <sub>imp</sub> /[kV] | 4                                        |
| Pollution degree       | 3                                        |
| I <sub>th</sub> /[A]   | 16                                       |
| Cable size             | 1...2 x 0.75...2.5 mm²                   |
| Maximum fuse           | 16A / gG                                 |
| NEMA                   | A600, R300, wire size: 18 - 14 AWG, 1(2) |

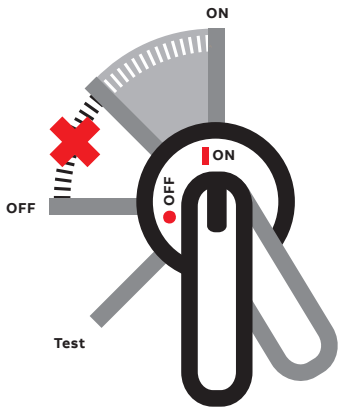
Function table of auxiliary contacts

| Handle position | Main contacts | Aux./Test contacts N.O. | Test indication contact N.O. |
|-----------------|---------------|-------------------------|------------------------------|
| Test            | open          | closed                  | closed                       |
| 0               | open          | open                    | open                         |
| I               | closed        | closed                  | open                         |

### Handle indications and functions

The handle indicates the position of the main contacts of the switch with complete reliability in all situations. If the contacts are welded together, the handle does not reach the OFF-position but remains between ON and OFF, maintaining the door interlock and preventing padlocking.

When operating the switch to the Test-position with a test handle, the test auxiliary contacts change position. The main contacts remain open.

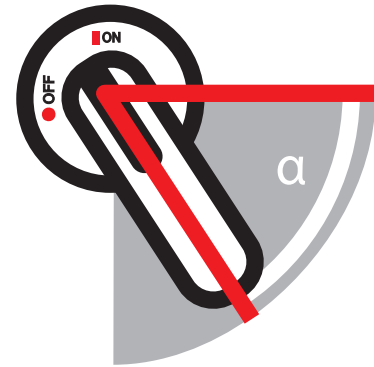
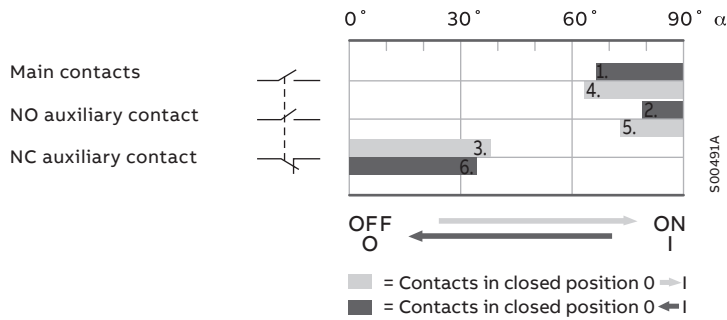




## Ordering information

### Technical data for auxiliary contacts

#### ON and OFF-functions of main and auxiliary contacts



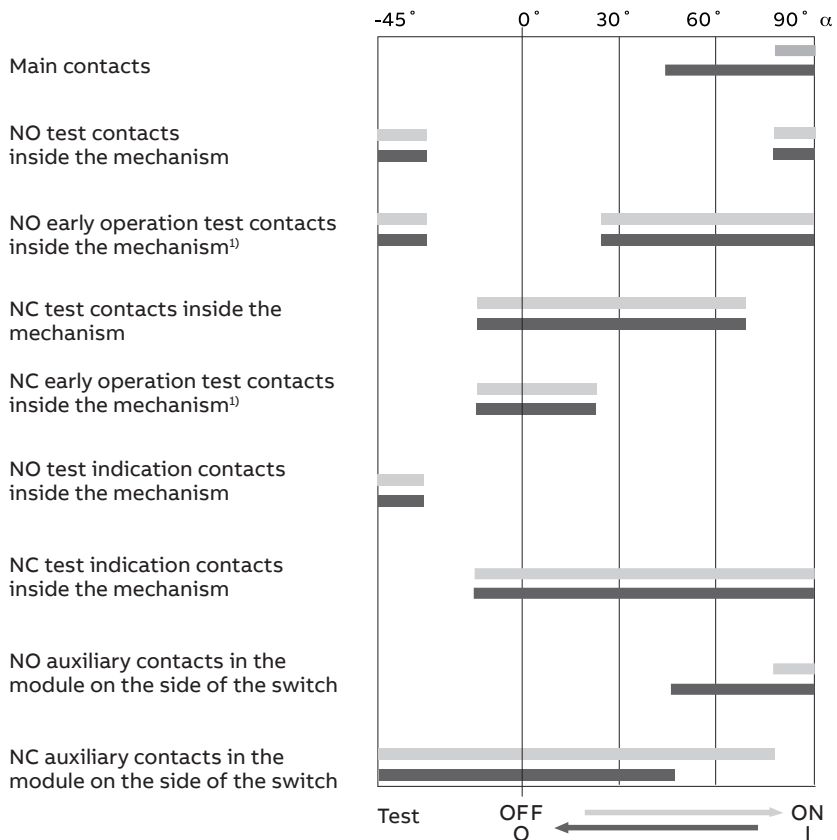
#### Closing:

1. Main contacts close
2. NO auxiliary contacts close
3. NC auxiliary contacts open

#### Opening:

4. Main contacts open
5. NO auxiliary contacts open
6. NC auxiliary contacts close

#### ON and OFF-functions of main and auxiliary contacts OT160EV...4000



| Contact | Contact configuration |
|---------|-----------------------|
| OA1G10  | 1NO                   |
| OA3G01  | 1NC                   |

<sup>1)</sup> OT1000...4000 only

## Ordering information

### Accessories



OZXA33



OZXA32



OZXA38



OZXA39



OTZC13



OTZC14



OTZC23



OTZC24



OTZC33



OTZC34



OTZR\_

#### Parallel connection kits for change-over switches

| For switches | Number of poles | Max. cable size | Type | Order number | Weight/unit |
|--------------|-----------------|-----------------|------|--------------|-------------|
|              |                 | mm <sup>2</sup> |      |              | kg          |

##### Connection bars

Finger protected connection bars for parallel connection of incoming or outgoing terminals. The bars accept additional cables, the maximum size is stated below.

|               |  |                                  |        |                 |      |
|---------------|--|----------------------------------|--------|-----------------|------|
| OT16...32E_3C |  | 6 (fine stranded), 10 (stranded) | OZXA33 | 1SCA022685R0310 | 0.02 |
| OT16...32E_4C |  | 6 (fine stranded), 10 (stranded) | OZXA32 | 1SCA022683R4110 | 0.03 |
| OT45...63E_3C |  | 25                               | OZXA38 | 1SCA022785R2140 | 0.06 |
| OT45...63E_4C |  | 25                               | OZXA39 | 1SCA022790R3820 | 0.09 |

##### Bridging bars

The bridging bars provide a connection link either on the incoming or outgoing side of the change-over switch.

|             |   |  |        |                 |      |
|-------------|---|--|--------|-----------------|------|
| OT200...250 | 3 |  | OTZC13 | 1SCA022767R6910 | 0.60 |
|             | 4 |  | OTZC14 | 1SCA022767R7040 | 0.80 |
| OT315...400 | 3 |  | OTZC23 | 1SCA022767R7120 | 0.60 |
|             | 4 |  | OTZC24 | 1SCA022767R7210 | 0.80 |
| OT630...800 | 3 |  | OTZC33 | 1SCA022785R7020 | 1.00 |
|             | 4 |  | OTZC34 | 1SCA022785R7110 | 1.30 |

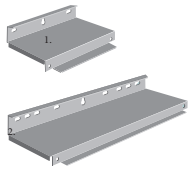
##### Reversing bars

A reversing switch can be built up by using phase sequence bars in two phases. The kit includes two phase sequence conversion bars. The missing bridging bars must be ordered separately. For example 3-pole switches: one 4-pole standard bridging bar kit is required (one bar for the reversing side, three bars for the other side).

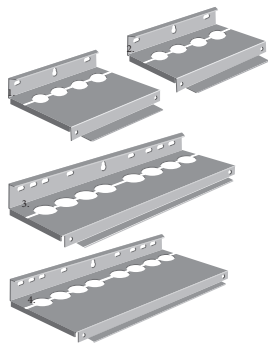
|               |  |  |       |                 |     |
|---------------|--|--|-------|-----------------|-----|
| OT160...250_C |  |  | OTZR1 | 1SCA100352R1001 | 0.3 |
| OT315...400_C |  |  | OTZR2 | 1SCA104647R1001 | 0.3 |
| OT600...800_C |  |  | OTZR3 | 1SCA100355R1001 | 0.4 |

## Ordering information

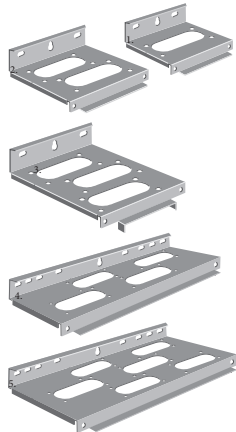
### Enclosure accessories



OEZXP\_\_O



OEZXP\_\_R



OEZXP\_\_C

#### Cable entry plates for steel sheet enclosures

These cable entries and plates are also used for fixing the enclosed switch-disconnectors. The flanges have to be ordered separately. The plates are also suitable for EMC applications.

| Size of cable entry<br>W x D<br>mm | Number of C-flange entries<br>pcs | Number of ring-flange entries<br>pcs | Type | Order number | Weight<br>kg |
|------------------------------------|-----------------------------------|--------------------------------------|------|--------------|--------------|
|------------------------------------|-----------------------------------|--------------------------------------|------|--------------|--------------|

#### Blank entries, no flange entries <sup>3)</sup>

|         |   |   |                        |                 |     |
|---------|---|---|------------------------|-----------------|-----|
| 250x180 | - | - | OEZXP120 <sup>1)</sup> | 1SCA022277R2350 | 0.8 |
| 400x230 | - | - | OEZXPE240              | 1SCA022399R0040 | 1.5 |
| 400x330 | - | - | OEZXPE340              | 1SCA022399R0120 | 2.0 |
| 800x230 | - | - | OEZXPE280              | 1SCA022399R0210 | 3.0 |
| 800x330 | - | - | OEZXPE380              | 1SCA022399R0390 | 4.0 |

#### Cable entry plates with ring-flange entries, divided <sup>2) 3)</sup>

|         |   |   |           |                 |     |
|---------|---|---|-----------|-----------------|-----|
| 400x230 | - | 4 | OEZXPE24R | 1SCA022399R0470 | 1.6 |
| 400x330 | - | 4 | OEZXPE34R | 1SCA022766R7590 | 2.1 |
| 800x230 | - | 8 | OEZXPE28R | 1SCA022399R0630 | 3.2 |
| 800x330 | - | 8 | OEZXPE38R | 1SCA022399R0710 | 4.2 |

#### Cable entry plates with C-flange entries, compact <sup>2)</sup>

|         |   |   |                         |                 |     |
|---------|---|---|-------------------------|-----------------|-----|
| 250x180 | 1 | - | OEZXP120C <sup>1)</sup> | 1SCA022338R5360 | 0.8 |
| 400x230 | 2 | - | OEZXP240C               | 1SCA022338R5520 | 1.7 |
| 400x330 | 3 | - | OEZXP340C               | 1SCA022338R5790 | 2.3 |
| 800x230 | 4 | - | OEZXP280C               | 1SCA022338R5950 | 3.4 |
| 800x330 | 6 | - | OEZXP380C               | 1SCA022338R6170 | 4.5 |

#### Cable entry gasket set for IP65 switches

|                                                    |        |                 |  |
|----------------------------------------------------|--------|-----------------|--|
| For IP65 switches only, to seal up the cable entry | OEZXX2 | 1SCA022281R5340 |  |
|----------------------------------------------------|--------|-----------------|--|

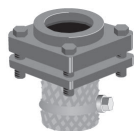
<sup>1)</sup> Includes knock-outs ø 10, 12.5, 20.5 and 25.5

<sup>2)</sup> Includes knock-outs ø 10, 12.5, 20.5, 25.5 and 32.5'

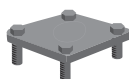
<sup>3)</sup> E-type plates are both for normal and EMC use.

## Ordering information

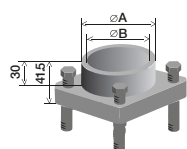
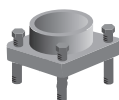
### Enclosure accessories



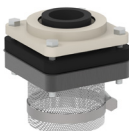
OEZXRE1\_



OEZXRO\_



OEZXRE1\_



OEZXRE134



OEZXRE134

### Cable flanges for steel sheet enclosures

#### EMC ring-flanges for different cable diameters

| Outside diameter of cable<br>mm | Suitable for cable entries | Type      | Order number    | Weight<br>kg |
|---------------------------------|----------------------------|-----------|-----------------|--------------|
| 22...35                         | OEZXPE_R                   | OEZXRE134 | 1SCA022399R1010 | 0.45         |
| 31...44                         | OEZXPE_R                   | OEZXRE143 | 1SCA022399R1100 | 0.40         |
| 39...51                         | OEZXPE_R                   | OEZXRE150 | 1SCA022399R1280 | 0.35         |
| 46...59                         | OEZXPE_R                   | OEZXRE158 | 1SCA022399R1360 | 0.30         |

#### Ring-flange covers with knock-out openings <sup>1)</sup>

| Knock-out size $\varnothing$ /<br>mm | Suitable for cable entries | Type      | Order number    | Weight<br>kg |
|--------------------------------------|----------------------------|-----------|-----------------|--------------|
| 20.5                                 | OEZXPE_R                   | OEZXRE020 | 1SCA022656R8480 | 0.16         |
| 22.5                                 | OEZXPE_R                   | OEZXRE023 | 1SCA022399R0800 | 0.16         |
| 25.5                                 | OEZXPE_R                   | OEZXRE025 | 1SCA022656R8560 | 0.16         |
| 37                                   | OEZXPE_R                   | OEZXRE037 | 1SCA022399R0980 | 0.16         |
| 40.5                                 | OEZXPE_R                   | OEZXRE040 | 1SCA022656R8640 | 0.16         |

<sup>1)</sup> E-types are for both EMC and none EMC enclosures

#### Ring-flanges for different cable diameters

| Outside diameter of cable<br>mm | Suitable for cable entries | Type     | Order number    | Weight<br>kg |
|---------------------------------|----------------------------|----------|-----------------|--------------|
| 22...35                         | OEZXPE_R                   | OEZXR134 | 1SCA022277R5610 | 0.45         |
| 31...44                         | OEZXPE_R                   | OEZXR143 | 1SCA022277R5880 | 0.40         |
| 39...51                         | OEZXPE_R                   | OEZXR150 | 1SCA022277R6000 | 0.35         |
| 46...59                         | OEZXPE_R                   | OEZXR158 | 1SCA022277R6260 | 0.30         |

### Plate extension for ring-flanges

Screws are included in the delivery. With a plate extension the shrinkable hose can be mounted around the ring-flange and the cable.

| Suitable for ring-flanges | Dimensions mm |    | Type     | Order number    | Weight/<br>kg |
|---------------------------|---------------|----|----------|-----------------|---------------|
|                           | A             | B  |          |                 |               |
| OEZXR134 and OEZXR143     | 49            | 43 | OEZX143R | 1SCA022350R3820 | 0.18          |
| OEZXR150 and OEZXR158     | 70            | 64 | OEZX158R | 1SCA022350R3910 | 0.18          |

## Ordering information

### Enclosure accessories



OZXT1



OZXT2



OZXL1



OZXB2



OZXB3



OZXB4



OZXB5



OZXB8



OZXB9

#### Terminal clamps for Al and Cu cables

For suitability for steel sheet enclosed Safety Switches, please check the table on pages 17-18

#### Terminal clamp sets for Al- and Cu-cables, insulated versions

| Cable cross section     | Type                  | Order number    | Unit/<br>type | Weight |
|-------------------------|-----------------------|-----------------|---------------|--------|
| mm <sup>2</sup>         |                       |                 | pcs           | kg     |
| 16...50 Al, 2.5...50 Cu | OZXT1 <sup>1)</sup>   | 1SCA022469R6310 | 3             | 0.05   |
| 16...50 Al, 2.5...50 Cu | OZXT1/1 <sup>1)</sup> | 1SCA022469R6490 | 1             | 0.02   |
| 16...120 Al/Cu          | OZXT2                 | 1SCA022620R7200 |               | 0.21   |
| 2x(16...50) Al/Cu       | OZXT3                 | 1SCA022639R0720 |               | 0.21   |

<sup>1)</sup> Max. In = 63A

#### Terminal clamp sets for Al- and Cu-cables

| Cable cross section | Type    | Order number    | Unit/<br>type | Weight |
|---------------------|---------|-----------------|---------------|--------|
| mm <sup>2</sup>     |         |                 | pcs           | kg     |
| 10...70 Al/Cu       | OZXL1   | 1SCA022439R6770 | 3             | 0.18   |
| 10...70 Al/Cu       | OZXL1/1 | 1SCA022469R6220 | 1             | 0.06   |
| 10...70 Al/Cu       | OZXL2   | 1SCA022335R2430 | 3             | 0.20   |
| 10...70 Al/Cu       | OZXL2/1 | 1SCA022352R3340 | 1             | 0.07   |

#### OZXB type Al/Cu connectors made of stainless steel

| Cable cross section | Type     | Order number    | Unit/<br>type | Weight |
|---------------------|----------|-----------------|---------------|--------|
| mm <sup>2</sup>     |          |                 | pcs           | kg     |
| 10...70 Al/Cu       | OZXB1    | 1SCA022119R7450 | 3             | 0.15   |
| 10...70 Al/Cu       | OZXB1/1  | 1SCA022193R9880 | 1             | 0.05   |
| 25...120 Al/Cu      | OZXB2    | 1SCA022119R7610 | 3             | 0.34   |
| 25...120 Al/Cu      | OZXB2/1  | 1SCA022194R0200 | 1             | 0.12   |
| 25...120 Al/Cu      | OZXB2L   | 1SCA022158R7750 | 3             | 0.43   |
| 25...120 Al/Cu      | OZXB2L/1 | 1SCA022194R0460 | 1             | 0.15   |
| 95...185 Al/Cu      | OZXB3    | 1SCA022136R8100 | 3             | 1.28   |
| 95...185 Al/Cu      | OZXB3/1  | 1SCA022194R0620 | 1             | 0.13   |
| 2x(95...185) Al/Cu  | OZXB4    | 1SCA022137R4760 | 3             | 1.71   |
| 2x(95...185) Al/Cu  | OZXB4/1  | 1SCA022194R0890 | 1             | 0.60   |
| 95...185 Al/Cu      | OZXB8    | 1SCA022744R1510 | 3             | 0.50   |
| 95...185 Al/Cu      | OZXB8/1  | 1SCA022744R1600 | 1             | 0.15   |
| 95...240 Al/Cu      | OZXB9    | 1SCA022750R3210 | 3             | 0.50   |
| 95...240 Al/Cu      | OZXB9/1  | 1SCA022750R3300 | 1             | 0.14   |
| 120...300 Al/Cu     | OZXB5    | 1SCA022137R2470 | 3             | 2.22   |
| 120...300 Al/Cu     | OZXB5/1  | 1SCA022194R1010 | 1             | 0.80   |
| 2x(120...300) Al/Cu | OZXB6    | 1SCA022137R4920 | 3             | 3.03   |
| 2x(120...300) Al/Cu | OZXB6/1  | 1SCA022194R1270 | 1             | 1.00   |

## Ordering information

### Enclosure accessories



OZXE19



OZXE20



OZXE21



OZXE46



OESAZX162



OESAZX164



OESAZX165

#### Busbar connections

Cables for steel sheet safety switches.

##### Busbars for parallel connection

| Suitable for terminal clamps or busbar | Bolt size | Type   | Order number    | Units/<br>type<br>pcs | Weight<br>kg |
|----------------------------------------|-----------|--------|-----------------|-----------------------|--------------|
| 2x OZXB2, OZXB2L                       |           | OZXE21 | 1SCA022161R8810 | 3                     | 0.3          |
| 2x OZXB1                               |           | OZXE20 | 1SCA022161R8650 | 3                     |              |
| 2x OZXB6 + OZXB5                       |           | OZXE19 | 1SCA022162R8020 | 3                     |              |
| OZXB2 + OZXB2L, 2 x OZXB9              |           | OZXE45 | 1SCA022809R0240 | 3                     |              |
| 2 x OZXB9                              |           | OZXE46 | 1SCA022809R3180 | 3                     |              |

##### Terminal boltset for terminal connections

| Suitable for terminal clamps or busbar | Bolt size | Type   | Order number    | Units/<br>type<br>pcs | Weight<br>kg |
|----------------------------------------|-----------|--------|-----------------|-----------------------|--------------|
| OZXE21                                 | M10 x 30  | OZXE54 | 1SCA022733R9150 | 6                     |              |
| OZXE45                                 | M8 x 30   | OZXE56 | 1SCA022811R5920 | 3                     |              |
| OZXE46                                 | M10 x 35  | OZXE57 | 1SCA022811R6060 | 3                     |              |

#### Neutral links for 5-wire systems

Mounting with screws (included) onto either side of the switch (OXN250 to OS200...250) or on the base plate (OXN250...1250).

| Suitable for terminal clamps or busbar | Bolt size | Type      | Order number    | Units/<br>type<br>pcs | Weight<br>kg |
|----------------------------------------|-----------|-----------|-----------------|-----------------------|--------------|
| 200                                    | 10...120  | OESAZX162 | 1SCA022193R0400 | 1                     | 0.12         |
| 315                                    | 10...300  | OESAZX164 | 1SCA022202R9520 | 1                     | 0.10         |
| 400                                    | 10...300  | OESAZX165 | 1SCA022202R9790 | 1                     | 0.12         |



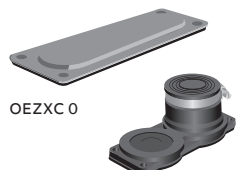
## Ordering information

### Enclosure accessories



KIG-221-1

KIG-221-2



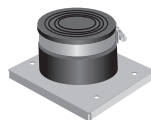
OEZXC 0

KIM-13-1



KIM-13-2

KIG-1



KIG-2



BFLR13125



BFLR13225



BFLR13116225



BFLR13140



BFLR13240



BFLR13

#### Cable flanges for steel sheet enclosures

##### C and B flanges

Mounting set for the flange is included: screws, nuts and sealing gasket or a seal extruded into the flanges. Degree of protection: IP65.

| Suitable cable size $\varnothing$ / mm | For cable entries/ Compression glands | Type      | Order number    | Weight kg |
|----------------------------------------|---------------------------------------|-----------|-----------------|-----------|
| <b>C-flange, rubber</b>                |                                       |           |                 |           |
| 20...65                                | See the picture                       | KIG-221-1 | 1SCA022468R0900 | 0.49      |
| 2x(20...65)                            |                                       | KIG-221-2 | 1SCA022468R1030 | 0.72      |
| <b>C-flange cover, steel IP65</b>      |                                       |           |                 |           |
| -                                      | OEZXP__C                              | OEZXC0    | 1SCA02277R6420  | 0.25      |

##### B-flanges, rubber

|             |                 |          |                 |      |
|-------------|-----------------|----------|-----------------|------|
| 15...40     | See the picture | KIM13-1* | 1SEH655267R2050 | 0.20 |
| 2x(15...40) |                 | KIM13-2* | 1SEH655267R2060 | 0.30 |

##### Ring-flanges, rubber

|         |                 |       |                 |      |
|---------|-----------------|-------|-----------------|------|
| 15...45 | See the picture | KIG-1 | 1SCA022468R1540 | 0.22 |
| 20...65 |                 | KIG-2 | 1SCA022468R1620 | 0.40 |

##### B-flange (FL13) cable entry, aluminium, IP65. For OTL types. Threaded cable entry holes. \*

|               |              |                 |      |
|---------------|--------------|-----------------|------|
| 1xM25         | BFLR13125    | 1SCA159210R1001 | 0.08 |
| 2xM25         | BFLR13225    | 1SCA159213R1001 | 0.07 |
| 2xM25 + 1xM16 | BFLR13116225 | 1SCA159208R1001 | 0.08 |
| 1xM32         | BFLR13132    | 1SCA159211R1001 | 0.07 |
| 2xM32         | BFLR13232    | 1SCA159214R1001 | 0.06 |
| 1xM40         | BFLR13140    | 1SCA159212R1001 | 0.10 |
| 2xM40         | BFLR13240    | 1SCA159215R1001 | 0.09 |
| 2xM40 + 1xM16 | BFLR13116240 | 1SCA159209R1001 | 0.08 |
| Blank plate   | BFLR13       | 1SCA159207R1001 | 0.08 |

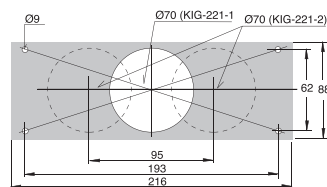
##### B-flange (FL13) cable entry, plastic, IP65.

For OTP\_ and OTL\_ types. Threaded cable entry holes. \*

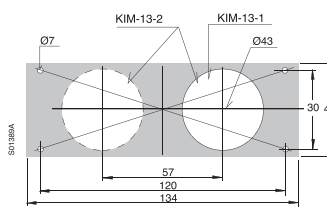
|               |               |                 |      |
|---------------|---------------|-----------------|------|
| 1xM25         | BFLRP13125    | 1SCA159218R1001 | 0.04 |
| 2xM25         | BFLRP13225    | 1SCA159220R1001 | 0.03 |
| 2xM25 + 1xM16 | BFLRP13116225 | 1SCA159217R1001 | 0.03 |
| 1xM32         | BFLRP13132    | 1SCA159219R1001 | 0.03 |
| 2xM32         | BFLRP13232    | 1SCA159221R1001 | 0.03 |
| Blank plate   | BFLRP13       | 1SCA159216R1001 | 0.04 |

\*Set containing stainless steel fastening screws, washers and gasket

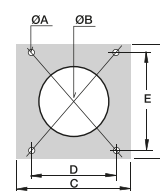
#### Drilling guide



KIG-221-1 and KIG-221-2



KIM13-1 and KIM13-2

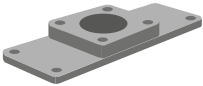


|                  | $\varnothing A$ | $\varnothing B$ | C   | D  | E    |
|------------------|-----------------|-----------------|-----|----|------|
| KIG 1 (15-45 mm) | 4,5             | 50              | 82  | 61 | 70,5 |
| KIG 2 (20-65 mm) | 5,5             | 70              | 100 | 61 | 85   |

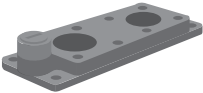
KIG-1 and KIG-2

Ordering information

Enclosure accessories



OEZXC1R



OEZXC2R

Cable flanges for steel sheet enclosures

**Ring-flange adapters for C-flange entries, Aluminum alloy**  
Mounting set for the flange is included: screws, nuts and a seal extruded into the flanges.  
Ring-flanges have to be ordered separately.

|                                                            | Suitable for cable entries | Type    | Order number    | Weight<br>kg |
|------------------------------------------------------------|----------------------------|---------|-----------------|--------------|
| Remarks                                                    |                            |         |                 |              |
| One hole for ring- flanges and knock-outs ø 21, ø 23, ø 29 | OEZXP__C                   | OEZXC1R | 1SCA022281R3560 | 0.53         |
| Two holes for ring-flanges and one with Pg 16 threads      | OEZXP__C                   | OEZXC2R | 1SCA022281R3720 | 0.55         |

## Ordering information

### Enclosure accessories

#### Cable flanges for steel sheet enclosures

##### Aluminum flange. One or two cable entries.

Mounting sets for the flanges to be ordered separately.

Degree of protection: IP44.



LAKII/48



LAKII/2X48

| Suitable cable<br>size $\varnothing$ / mm                                            | Type       | Order number    | Weight<br>kg |
|--------------------------------------------------------------------------------------|------------|-----------------|--------------|
| <b>B-flanges</b>                                                                     |            |                 |              |
| 1x35                                                                                 | LAKI/35    | 1SCA100721R1001 | 0.24         |
| 2X35                                                                                 | LAKI/2X35  | 1SCA100722R1001 | 0.34         |
| <b>C-flanges</b>                                                                     |            |                 |              |
| 2x48                                                                                 | LAKII/2X48 | 1SCA100698R1001 | 0.80         |
| 2x58                                                                                 | LAKII/2X58 | 1SCA100700R1001 | 1.00         |
| 1x48                                                                                 | LAKII/48   | 1SCA100697R1001 | 0.70         |
| 1x58                                                                                 | LAKII/58   | 1SCA100699R1001 | 0.90         |
| <b>Mounting set</b>                                                                  |            |                 |              |
| Mounting set for B-flange types, including gasket, screws, washers and locking nuts. | OEZXX29    | 1SCA100723R1001 | 0.30         |
| Mounting set for C-flange types, including gasket, screws, washers and locking nuts. | OEZXX28    | 1SCA100701R1001 | 0.30         |

## Ordering information

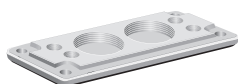
### Enclosure accessories



OEZXC11L



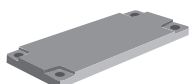
OEZXC12L



YMF-MB10861SET



YMF-MB10862SET



YMF-MB10215



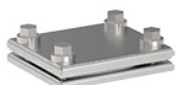
YMF-MK10440



KOT61007



KOT62296



KOT61008



L6

### Cable flanges for plastic or steel sheet enclosures

| Flange size | Outside diameter of cable | Knock-out of control cable | Type | Order number | Weight/unit |
|-------------|---------------------------|----------------------------|------|--------------|-------------|
|             | mm                        | mm                         |      |              |             |

#### II/C-flanges

For cable entries from top and bottom. Mounting set, flange and cable gasket included.

|        |               |                       |          |                 |      |
|--------|---------------|-----------------------|----------|-----------------|------|
| II / C | ø 30...55     | 2 x ø 20,5            | OEZXC11L | 1SCA022560R5570 | 0.40 |
| II / C | 2 x ø 30...60 | 2 x ø 20,5 + 2 x ø 10 | OEZXC12L | 1SCA022560R5730 | 0.53 |

#### Includes sealing gasket and fixing accessories

|        |                         |  |                |                 |      |
|--------|-------------------------|--|----------------|-----------------|------|
| II / C | 2xM50 + 4xM20           |  | YMF-MB10861SET | 1SCA022715R9090 | 0.14 |
| II / C | 2xM32+2xM25+3xM20+2xM16 |  | YMF-MB10862SET | 1SCA022715R9170 | 0.12 |

#### I/B-flanges

For cable entries from top and bottom. Mounting set, flange and cable gasket included (OEZXB).

|       |                                                |  |             |                 |      |
|-------|------------------------------------------------|--|-------------|-----------------|------|
| I / B | Cover plate                                    |  | YMF-MB10215 | 1SCA022191R2170 | 0.05 |
|       | Screw (plastic coated head) 4 pcs /cover plate |  | YMF-MB10345 | 1SCA010352R7030 |      |
|       | Nut, 4 pcs /cover plate                        |  | FGNSUM6X    | 1SCA010234R6620 |      |
| I / B | Gasket for cover plate                         |  | YMF-MK10440 | 1SCA022660R7130 | 0.01 |

### Cable flanges for stainless steel enclosures

| Flange type                                      | Outside diameter of cable | Type     | Order number    | Weight/unit |
|--------------------------------------------------|---------------------------|----------|-----------------|-------------|
|                                                  | mm                        |          |                 |             |
| Membrane type cable flange                       | 27...66                   | KOT61007 | 1SCA101607R1001 | 0.40        |
| Membrane type cable flange for EMC-applications  | 27...57                   | KOT62296 | 1SCA125871R1001 | 0.40        |
| Flange cover, to block remaining flange openings |                           | KOT61008 | 1SCA101606R1001 | 0.20        |

### Other accessories for plastic enclosures

| Description                  | Remarks                    | Type        | Order number    | Weight |
|------------------------------|----------------------------|-------------|-----------------|--------|
| Mounting lugs (set of 4pcs.) | Plastic, for wall mounting | YMF-MB10674 | 1SCA022229R0010 | kg     |

### Padlock unit suitable for all side operated switches

| Description                  | Type | Order number    | Weight |
|------------------------------|------|-----------------|--------|
| Shackle for up to 6 padlocks | L6   | 2CMA144539R1000 | kg     |

## Ordering information

### Enclosure accessories

#### Compression glands, IP65

##### Plastic

| Thread | Cable DIA | Type | Order number | Weight |
|--------|-----------|------|--------------|--------|
|        | mm        |      |              | kg     |

##### Compression glands

|     |        |        |                 |      |
|-----|--------|--------|-----------------|------|
| M12 | 2-7    | ESKV12 | 1SCA022715R5850 | 0.01 |
| M16 | 4,5-10 | ESKV16 | 1SCA022715R5930 | 0.01 |
| M20 | 6-13   | ESKV20 | 1SCA022715R6070 | 0.02 |
| M25 | 9-17   | ESKV25 | 1SCA022715R6150 | 0.02 |
| M32 | 13-21  | ESKV32 | 1SCA022715R6230 | 0.03 |
| M40 | 14-28  | ESKV40 | 1SCA022715R6310 | 0.06 |
| M50 | 18-35  | ESKV50 | 1SCA022715R6400 | 0.08 |
| M63 | 34-48  | ESKV63 | 1SCA022715R6580 | 0.10 |

##### Locking nuts

Needed if the enclosure holes are not provided with threads.

|     |  |        |                 |      |
|-----|--|--------|-----------------|------|
| M12 |  | EMUG12 | 1SCA022715R8280 | 0.01 |
| M16 |  | EMUG16 | 1SCA022715R8360 | 0.01 |
| M20 |  | EMUG20 | 1SCA022715R8440 | 0.01 |
| M25 |  | EMUG25 | 1SCA022715R8520 | 0.01 |
| M32 |  | EMUG32 | 1SCA022715R8610 | 0.01 |
| M40 |  | EMUG40 | 1SCA022715R8790 | 0.01 |
| M50 |  | EMUG50 | 1SCA022715R8870 | 0.02 |
| M63 |  | EMUG63 | 1SCA022715R8950 | 0.02 |

##### Metallic

| Thread | Cable DIA | Type | Order number | Weight |
|--------|-----------|------|--------------|--------|
|        | mm        |      |              | kg     |

##### Compression glands

|     |         |            |                 |      |
|-----|---------|------------|-----------------|------|
| M12 | 3...6   | EMSKV12/5  | 1SCA022722R2710 | 0.02 |
| M16 | 5...9   | EMSKV16/5  | 1SCA022722R2800 | 0.03 |
| M20 | 9...13  | EMSKV20/6  | 1SCA022722R2980 | 0.04 |
| M25 | 11...16 | EMSKV25/7  | 1SCA022722R3010 | 0.06 |
| M32 | 14...21 | EMSKV32/8  | 1SCA022722R3100 | 0.08 |
| M40 | 19...27 | EMSKV40/8  | 1SCA022722R3280 | 0.08 |
| M50 | 24...35 | EMSKV50/9  | 1SCA022722R3360 | 0.10 |
| M63 | 32...42 | EMSKV63/10 | 1SCA022722R3440 | 0.12 |

##### Locking nuts

Needed if the enclosure holes are not provided with threads.

|     |  |        |                 |      |
|-----|--|--------|-----------------|------|
| M12 |  | EMMU12 | 1SCA022722R1910 | 0.01 |
| M16 |  | EMMU16 | 1SCA022722R2040 | 0.01 |
| M20 |  | EMMU20 | 1SCA022722R2120 | 0.02 |
| M25 |  | EMMU25 | 1SCA022722R2210 | 0.02 |
| M32 |  | EMMU32 | 1SCA022722R2390 | 0.03 |
| M40 |  | EMMU40 | 1SCA022722R2470 | 0.04 |
| M50 |  | EMMU50 | 1SCA022722R2550 | 0.05 |
| M63 |  | EMMU63 | 1SCA022722R2630 | 0.06 |



ESKV20



EMUG12



EMUG32



EMSKV12



EMMU12

Ordering information

Enclosure accessories



Compression glands, IP68

| Stainless          |           |           |              |        |
|--------------------|-----------|-----------|--------------|--------|
| Thread             | Cable DIA | Type      | Order number | Weight |
|                    | mm        |           |              | kg     |
| Compression glands |           |           |              |        |
| M16                | 4.5...10  | ESSKV-416 | 1SCA128106R  | 0.01   |
| M25                | 9...17    | ESSKV-425 | 1SCA125033R  | 0.02   |
| M32                | 13...21   | ESSKV-432 | 1SCA128107R  | 0.03   |



Ordering information

Enclosure accessories for ATEX enclosed safety switches

Compression glands for ATEX enclosed safety switches



EXM16G



EMSKE16

Plastic

| Thread | Cable DIA | Type   | Order number    | Weight |
|--------|-----------|--------|-----------------|--------|
|        | mm        |        |                 | kg     |
| M16    | 4.5...9   | EXM16G | 1SCA152891R1001 | 0.01   |
| M20    | 7...13    | EXM20G | 1SCA152892R1001 | 0.01   |
| M25    | 10...17   | EXM25G | 1SCA152894R1001 | 0.02   |
| M32    | 13...21   | EXM32G | 1SCA152896R1001 | 0.02   |
| M40    | 17...28   | EXM40G | 1SCA152899R1001 | 0.03   |

Metallic

| Thread | Cable DIA | Type    | Order number    | Weight |
|--------|-----------|---------|-----------------|--------|
|        | mm        |         |                 | kg     |
| M16    | 5...10    | EMSKE16 | 1SCA157031R1001 | 0.02   |
| M20    | 6...13    | EMSKE20 | 1SCA157032R1001 | 0.03   |
| M25    | 10...17   | EMSKE25 | 1SCA157033R1001 | 0.04   |
| M32    | 13...21   | EMSKE32 | 1SCA157034R1001 | 0.06   |
| M40    | 16...28   | EMSKE40 | 1SCA157035R1001 | 0.08   |

## Ordering information

### Enclosure accessories



KRM16/12



EPN650M32/M40



EPN650M25/M32



EPN550M50/M32



EPN550M50/M40



KEM50/63



EPN720M20/M16



EPN720M25/M16



EPN720M32/M20



EPN720M40/M25



EPN740M32/M40



EADR12



EADR16



EADR20



EADR25



EADR32



EADR50



YJTB3



D43585

### Adapters for M-threads

#### Plastic

| Thread     | Type            | Order number    | Weight |
|------------|-----------------|-----------------|--------|
|            |                 |                 | kg     |
| M16 to M12 | KRM16/12        | 1SCA022749R6090 | 0.01   |
| M16 to M20 | EPN650M16/M20   | 1SCA103053R1001 | 0.01   |
| M20 to M12 | KRM20/12        | 1SCA022749R6170 | 0.01   |
| M25 to M12 | KRM25/12        | 1SCA022749R6980 | 0.01   |
| M25 to M20 | SORPNMPAM25/M20 | 1SCA022646R4510 | 0.01   |
| M25 to M32 | EPN650M25/M32   | 1SCA101159R1001 | 0.01   |
| M32 to M25 | SORPNMPAM32/M25 | 1SCA022646R4600 | 0.01   |
| M32 to M40 | EPN650M32/M40   | 1SCA101160R1001 | 0.01   |
| M50 to M40 | EPN550M50/M32   | 1SCA114803R1001 | 0.02   |
| M50 to M40 | EPN550M50/M40   | 1SCA104355R1001 | 0.02   |
| M50 to M63 | KEM50/63        | 1SCA114809R1001 | 0.02   |

#### Metallic

| Thread     | Type          | Order number    | Weight |
|------------|---------------|-----------------|--------|
|            |               |                 | kg     |
| M20 to M12 | EPN720M20/M12 | 1SCA114806R1001 | 0.02   |
| M20 to M16 | EPN720M20/M16 | 1SCA114807R1001 | 0.02   |
| M25 to M16 | EPN720M25/M16 | 1SCA122555R1001 | 0.02   |
| M25 to M20 | EPN720M25/M20 | 1SCA109748R1001 | 0.02   |
| M32 to M20 | EPN720M32/M20 | 1SCA109749R1001 | 0.02   |
| M25 to M32 | EPN740M25/M32 | 1SCA151188R1001 | 0.02   |
| M32 to M40 | EPN740M32/M40 | 1SCA114810R1001 | 0.02   |
| M40 to M50 | EPN740M40/M50 | 1SCA150900R1001 | 0.02   |
| M40 to M25 | EPN720M40/M25 | 1SCA114808R1001 | 0.02   |

#### Gasket

| Thread     | Type   | Order number    | Weight |
|------------|--------|-----------------|--------|
|            |        |                 | kg     |
| M12/ø12,5  | EADR12 | 1SCA114804R1001 | 0.01   |
| M16/ø16,5  | EADR16 | 1SCA022749R6410 | 0.01   |
| M20/ø20,5  | EADR20 | 1SCA022749R6500 | 0.01   |
| M25/ø2w5,5 | EADR25 | 1SCA022749R6680 | 0.01   |
| M32/ø32,5  | EADR32 | 1SCA101165R1001 | 0.01   |
| M40/ø40,5  | EADR40 | 1SCA116849R1001 | 0.01   |
| M50/ø50,5  | EADR50 | 1SCA104353R1001 | 0.01   |

### Condensation water outlet IP44

#### Metallic

| Hole diameter | Type  | Order number    | Weight |
|---------------|-------|-----------------|--------|
|               |       |                 | kg     |
| 10            | YJTB3 | 1SCA122170R1001 | 0.025  |

### Expander tube

Includes one tube

|                         | Type   | Order number    | Weight |
|-------------------------|--------|-----------------|--------|
|                         |        |                 | kg     |
| For OTA/OKA 125A...600A | D43585 | 1SCA142306R1001 | 0.1    |

## Ordering information

### Cable outlet accessories



OEZXX143R



OEZXP120



OEZXP240



OEZXP280



KOT62280



KOT62281



KOT62282



KOT62283



KOT62284



KOT62293



KOT62305



KOT62306



KOT62307

#### Ring-flange covers with knock-out openings

| Knock-out size ø mm | Suitable for cable entries | Type     | Order number    | Weight kg |
|---------------------|----------------------------|----------|-----------------|-----------|
| 20.5                | OEZXP_R                    | OEZXR020 | 1SCA022656R8130 | 0.16      |
| 22.5                | OEZXP_R                    | OEZXR023 | 1SCA022277R5290 | 0.16      |
| 25.5                | OEZXP_R                    | OEZXR025 | 1SCA022656R8210 | 0.16      |
| 37                  | OEZXP_R                    | OEZXR037 | 1SCA022277R5450 | 0.16      |
| 40.5                | OEZXP_R                    | OEZXR040 | 1SCA022656R8300 | 0.16      |

#### Plate extension for ring-flanges

Screws are included in the delivery. With the help of a plate extension the plastic shrink film can be mounted over the ring-flange and the cable.

| Suitable for ring-flanges | Dimensions |      | Type      | Order number    | Weight kg |
|---------------------------|------------|------|-----------|-----------------|-----------|
|                           | A mm       | B mm |           |                 |           |
| OEZXR134 and OEZXR143     | 49         | 43   | OEZXX143R | 1SCA022350R3820 |           |
| OEZXR150 and OEZXR158     | 70         | 64   | OEZXX158R | 1SCA022350R3910 |           |

#### Shields

The shield can be used as a roof to protect the enclosure against dust, water etc.

| Size width x depth | Type | Order number | Units/type | Weight |
|--------------------|------|--------------|------------|--------|
| pcs                |      |              | pcs        | kg     |

#### Steel sheet

|           |          |                 |   |     |
|-----------|----------|-----------------|---|-----|
| 290 x 230 | OEZXP120 | 1SCA022646R2730 | 1 | 1.2 |
| 440 x 280 | OEZXP240 | 1SCA022646R3110 | 1 | 2.0 |
| 840 x 280 | OEZXP280 | 1SCA022646R3200 | 1 | 3.8 |
| 840 x 380 | OEZXP380 | 1SCA022647R3510 | 1 | 4.9 |

#### Painted zinc-plated steel sheet

|         |          |                 |   |     |
|---------|----------|-----------------|---|-----|
| 190x150 | KOT62305 | 1SCA125902R1001 | 1 | 0.5 |
| 240X185 | KOT62306 | 1SCA125903R1001 | 1 | 0.7 |
| 205x160 | KOT62307 | 1SCA125905R1001 | 1 | 0.5 |

#### Stainless steel sheet

|         |          |                 |   |     |
|---------|----------|-----------------|---|-----|
| 190x150 | KOT62282 | 1SCA125777R1001 | 1 | 0.5 |
| 240X185 | KOT62283 | 1SCA125776R1001 | 1 | 0.7 |
| 205x160 | KOT62284 | 1SCA125815R1001 | 1 | 0.5 |

#### Stainless steel sheet, acid proof

|         |          |                 |   |     |
|---------|----------|-----------------|---|-----|
| 440X282 | KOT62280 | 1SCA125779R1001 | 1 | 1.8 |
| 840X382 | KOT62281 | 1SCA125780R1001 | 1 | 4.4 |
| 840X282 | KOT62293 | 1SCA125816R1001 | 1 | 3.4 |

## Ordering information

Cable outlet accessories for EMC safety switches



EMCM16SET ... EMCM85SET

### Compression glands, EMC, metallic

Includes the locking nuts. IP67

| Thread | Cable DIA | Type      | Order number    |
|--------|-----------|-----------|-----------------|
|        | mm        |           |                 |
| M16    | 5...10    | EMCM16SET | 1SCA022713R4000 |
| M20    | 7.5...14  | EMCM20SET | 1SCA022713R3610 |
| M25    | 10...18   | EMCM25SET | 1SCA022713R3700 |
| M32    | 16...25   | EMCM32SET | 1SCA022713R3960 |
| M40    | 22...32   | EMCM40SET | 1SCA022734R5040 |
| M50    | 30...38   | EMCM50SET | 1SCA114252R1001 |
| M75    | 54...65   | EMCM75SET | 1SCA114254R1001 |
| M85    | 65...77   | EMCM85SET | 1SCA022727R1760 |

### Enlargement adapter for EMC cable glands. IP67

| Thread  | Cable DIA | Type          | Order number    |
|---------|-----------|---------------|-----------------|
|         | mm        |               |                 |
| M23/M32 | 10...16   | EMCM25/M32SET | 1SCA022722R3790 |

### Compression glands, ATEX, EMC, metallic

Locking nuts excluded. Not needed in aluminium ATEX enclosures. IP67

| Thread | Cable DIA | Type      | Order number    |
|--------|-----------|-----------|-----------------|
|        | mm        |           |                 |
| M16    | 4...8     | EXN03MMC6 | 7TCA297180R0798 |
| M20    | 4...12    | EXN04MMC6 | 7TCA297180R0799 |
| M25    | 10...18   | EXN05MMC6 | 7TCA297180R0800 |
| M32    | 14...24   | EXN06MMC6 | 7TCA297180R0801 |
| M40    | 22...32   | EXN07MMC6 | 7TCA297180R0802 |
| M50    | 26...35   | EXN08MMC6 | 7TCA297180R0803 |









# Dimension drawings

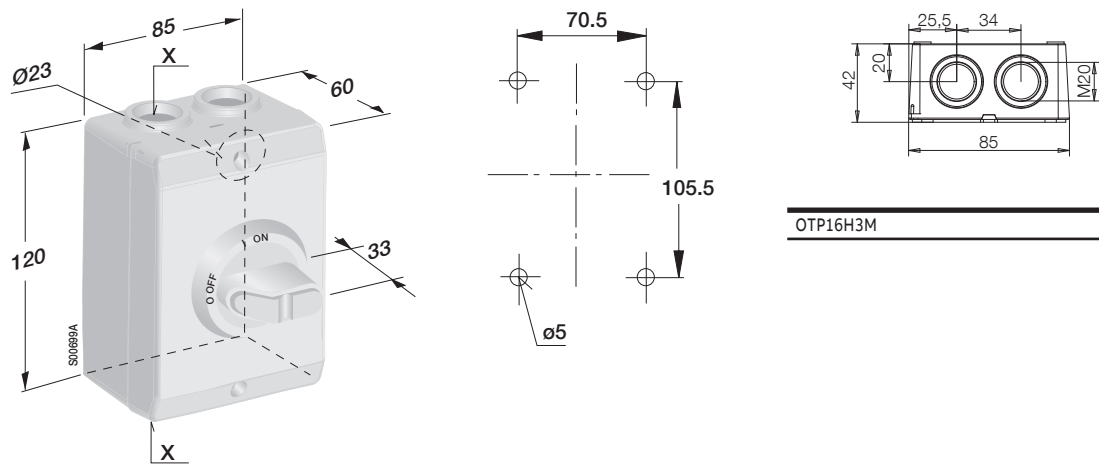
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Dimension drawings

Plastic enclosed safety switches

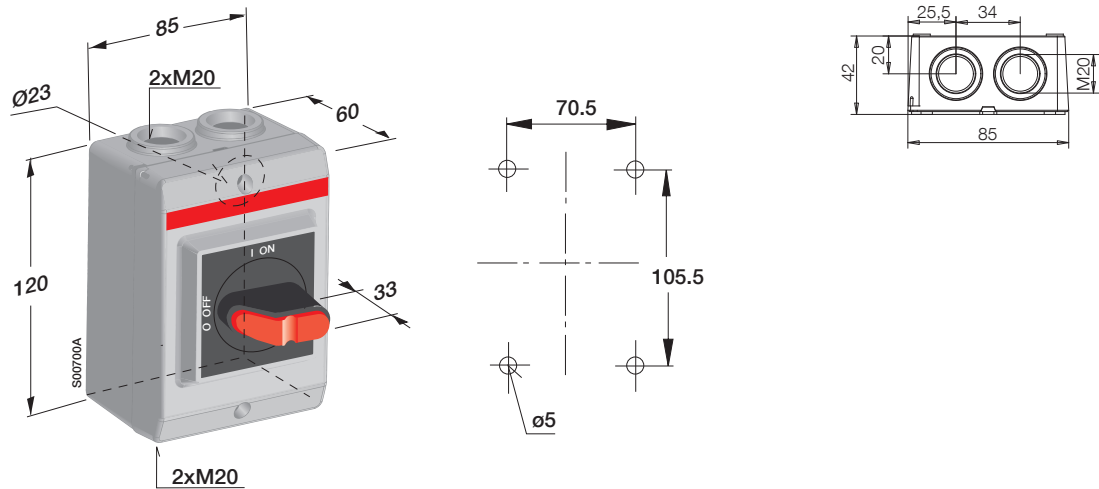
OTP16H\_



| Type        | X       |
|-------------|---------|
| OTP16H3M    | 2 x M20 |
| OTP16H3M25_ | 2 x M25 |

OTP16H3M

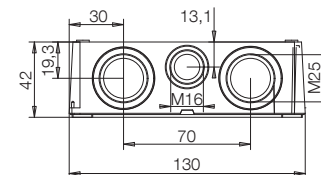
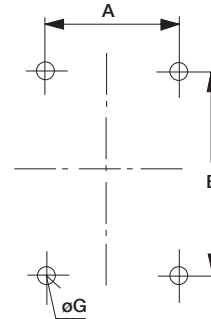
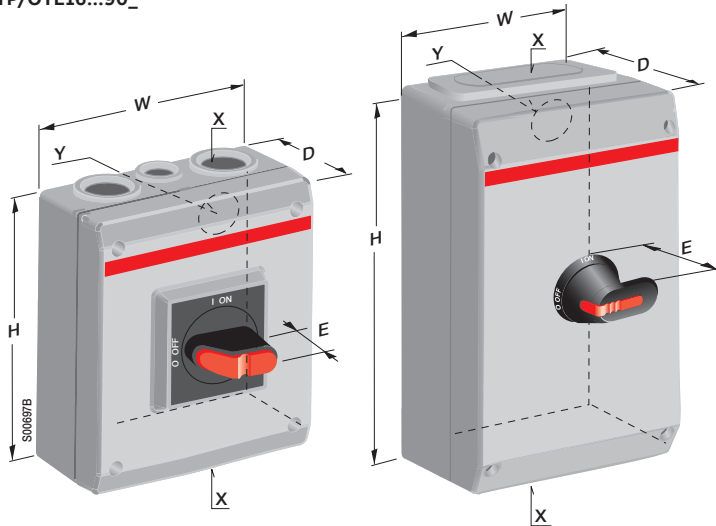
OTP16K3M1, OTP16K3M



## Dimension drawings

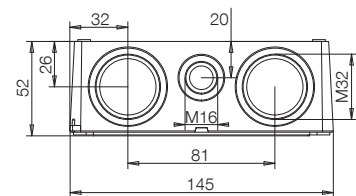
### Plastic enclosed safety switches

#### OTP/OTE16...90\_

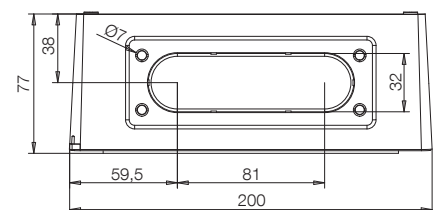


| Type                 | W   | H   | D   | E  | B     | A     | ØG | X         | Y            |
|----------------------|-----|-----|-----|----|-------|-------|----|-----------|--------------|
| <b>3- and 4-pole</b> |     |     |     |    |       |       |    |           |              |
| OTP16_3M,_4M         | 130 | 150 | 85  | 33 | 115   | 136   | 5  | 2xM25+M16 | 2x (ø29+ø19) |
| OTE16_3M,_4M         | 130 | 150 | 85  | 33 | 115   | 136   | 5  | 2xM25+M16 | 2x (ø29+ø19) |
| OTP/OTE25_3M,_4M     | 145 | 200 | 90  | 33 | 129.5 | 182.5 | 5  | 2xM32+M16 | 2x (ø38+ø19) |
| OTP/OTE36_3M,_4M     | 145 | 200 | 90  | 33 | 129.5 | 182.5 | 5  | 2xM32+M16 | 2x (ø38+ø19) |
| OTP63_3M             | 145 | 200 | 90  | 33 | 129.5 | 182.5 | 5  | 2xM32+M16 | 2x (ø38+ø19) |
| OTP/OTE75_3M,_4M     | 200 | 400 | 140 | 33 | 176   | 376   | 6  | 2xM50+M16 | 2x (ø38+ø19) |
| OTP/OTE75_3B,_4B     | 200 | 400 | 140 | 33 | 176   | 376   | 6  | I-flange  | -            |
| OTP/OTE75_3U,_4U     | 200 | 400 | 140 | 33 | 176   | 376   | 6  | -         | -            |
| OTP/OTE90_3M,_4M     | 200 | 400 | 140 | 33 | 176   | 376   | 6  | 2xM50+M16 | 2x (ø38+ø19) |
| OTP/OTE90_3B,_4B     | 200 | 400 | 140 | 33 | 176   | 376   | 6  | I-flange  | -            |
| OTP/OTE90_3U,_4U     | 200 | 400 | 140 | 33 | 176   | 376   | 6  | -         | -            |
| <b>6-pole</b>        |     |     |     |    |       |       |    |           |              |
| OTP16_6M             | 130 | 150 | 85  | 33 | 115   | 136   | 5  | 2xM25+M16 | 2x (ø29+ø19) |
| OTP25_6M             | 145 | 200 | 90  | 45 | 129.5 | 182.5 | 5  | 2xM32+M16 | 2x (ø38+ø19) |
| OTE25_6B             | 200 | 400 | 140 | 45 | 176   | 376   | 6  | I-flange  | -            |
| OTP36_6M             | 145 | 200 | 90  | 45 | 129.5 | 182.5 | 5  | 2xM32+M16 | 2x (ø38+ø19) |
| OTE36_6B             | 200 | 400 | 140 | 45 | 176   | 376   | 6  | I-flange  | -            |
| OTP63_6B             | 200 | 400 | 140 | 45 | 176   | 376   | 6  | I-flange  | -            |
| OTP/OTE75_6M         | 200 | 400 | 140 | 45 | 176   | 376   | 6  | 2xM50+M16 | 2x (ø38+ø19) |
| OTP75_6B             | 200 | 400 | 140 | 45 | 176   | 376   | 6  | I-flange  | -            |
| OTP75_6U             | 200 | 400 | 140 | 45 | 176   | 376   | 6  | -         | -            |
| OTP/OTE90_6M         | 200 | 400 | 140 | 45 | 176   | 376   | 6  | 2xM50+M16 | 2x (ø38+ø19) |
| OTP90_6B             | 200 | 400 | 140 | 45 | 176   | 376   | 6  | I-flange  | -            |
| OTP90_6U             | 200 | 400 | 140 | 45 | 176   | 376   | 6  | -         | -            |

| Type         | X         |
|--------------|-----------|
| OTP16_3M,_4M | 2xM25+M16 |
| OTE16_3M,_4M | 2xM25+M16 |
| OTP16_6M     | 2xM25+M16 |



| Type             | X         |
|------------------|-----------|
| OTP/OTE25_3M,_4M | 2xM32+M16 |
| OTP25_6M         | 2xM32+M16 |
| OTP/OTE36_3M,_4M | 2xM32+M16 |
| OTP36_6M         | 2xM32+M16 |
| OTP63_3M         | 2xM32+M16 |

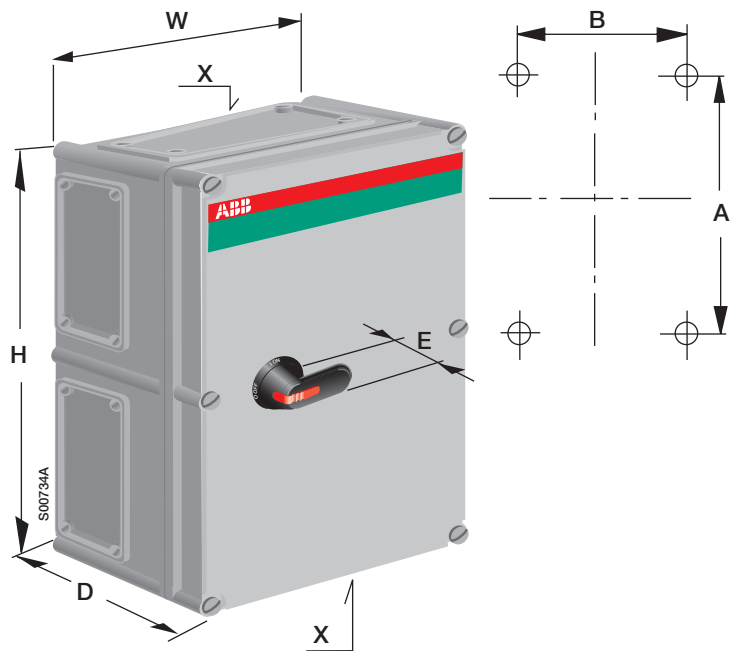


| Type             | X        |
|------------------|----------|
| OTP/OTE75_3B,_4B | I-flange |
| OTP/OTE75_6B     | I-flange |
| OTP/OTE90_3B,_4B | I-flange |
| OTP90_6B         | I-flange |
| OTE25_6B         | I-flange |
| OTE36_6B         | I-flange |

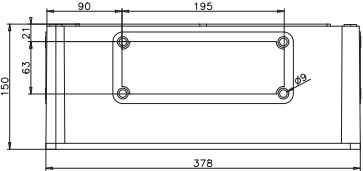
Dimension drawings

Plastic enclosed safety switches

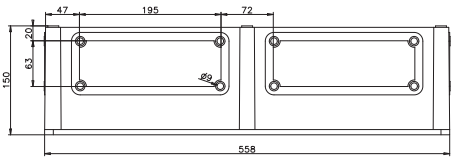
OT90...1000\_



Fixing entry size in enclosure  $\varnothing$  7



| Type          |
|---------------|
| OT90G_6_      |
| OT125G_3_, 4_ |
| OT125G_6_     |
| OT160E_3_, 4_ |
| OT160E_6_     |
| OT200K_3_, 4_ |
| OT250K_3_, 4_ |
| OT315K_3_, 4_ |
| OT400D_3_, 4_ |



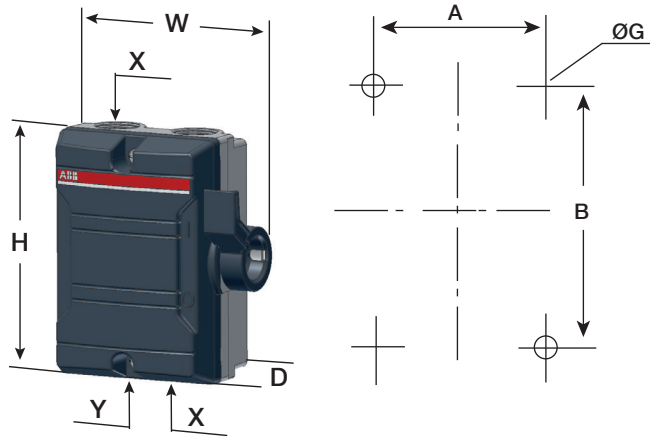
| Type              | Size |     |     |    | Cable entry | Fixing dimensions |     |
|-------------------|------|-----|-----|----|-------------|-------------------|-----|
| Safety switch     | H    | W   | D   | E  | X           | A                 | B   |
| 3-pole and 4-pole |      |     |     |    |             |                   |     |
| OT90G_3_          | 380  | 280 | 130 | 45 | II          | 355               | 255 |
| OT125G_3_, 4_     | 380  | 280 | 130 | 45 | II          | 355               | 255 |
| OT160E_3_         | 560  | 280 | 180 | 45 | II          | 535               | 255 |
| OT160E_4_         | 560  | 380 | 180 | 45 | II          | 535               | 355 |
| OT200K_3_         | 560  | 280 | 180 | 45 | II          | 535               | 255 |
| OT200K_3_, 4_     | 560  | 380 | 180 | 45 | II          | 535               | 355 |
| OT250K_3_         | 560  | 280 | 180 | 45 | II          | 535               | 255 |
| OT250K_3_, 4_     | 560  | 380 | 180 | 45 | II          | 535               | 355 |
| OT315K_3_, 4_     | 560  | 380 | 180 | 45 | II          | 535               | 355 |
| OT400D_3_, 4_     | 840  | 380 | 180 | 45 | II          | 815               | 355 |
| OT400D_3_         | 760  | 560 | 250 | 45 | 2 x II      | 735               | 535 |
| OT630K_3_         | 760  | 560 | 250 | 45 | 2 x II      | 735               | 535 |
| OT1000B_3_        | 760  | 560 | 250 | 45 | 2 x II      | 735               | 535 |
| 6-pole            |      |     |     |    |             |                   |     |
| OT90G_6_          | 560  | 380 | 180 | 45 | II          | 535               | 355 |
| OT125G_6_         | 560  | 380 | 180 | 45 | II          | 535               | 355 |
| OT160E_6_         | 760  | 560 | 250 | 45 | II          | 735               | 535 |
| OT200K_6_         | 760  | 560 | 250 | 45 | 2 x II      | 735               | 535 |
| OT250K_6_         | 760  | 560 | 250 | 45 | 2 x II      | 735               | 535 |
| OT315K_6_         | 760  | 560 | 250 | 45 | 2 x II      | 735               | 535 |
| OT400D_6_         | 760  | 560 | 250 | 45 | 2 x II      | 735               | 535 |

| Type       |
|------------|
| OT200K_6_  |
| OT250K_6_  |
| OT315K_6_  |
| OT400D_3_  |
| OT400D_6_  |
| OT630K_3_  |
| OT1000B_3_ |

## Dimension drawings

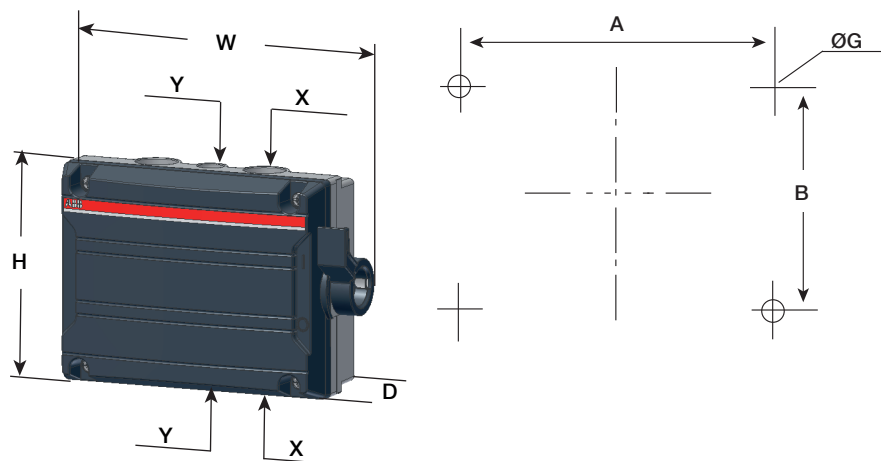
### Plastic enclosed safety switches

#### Side-operated safety switches BWS\_16...BWS\_25



| Type                                                          | Size |     |    | Cable entry |       | Fixing dimensions |     |   |
|---------------------------------------------------------------|------|-----|----|-------------|-------|-------------------|-----|---|
|                                                               | W    | H   | D  | X           | Y     | A                 | B   | G |
| <b>3-pole, Plastic enclosed side-operated safety switches</b> |      |     |    |             |       |                   |     |   |
| BWS316_                                                       | 111  | 130 | 60 | 2xM25       | -     | 64                | 90  | 5 |
| BWS325_                                                       | 138  | 168 | 68 | 2xM32       | 1xM16 | 90                | 127 | 5 |
| <b>4-pole, Plastic enclosed side-operated safety switches</b> |      |     |    |             |       |                   |     |   |
| BWS416_                                                       | 111  | 130 | 60 | 2xM25       | -     | 64                | 90  | 5 |
| BWS425_                                                       | 138  | 168 | 68 | 2xM32       | 1xM16 | 90                | 127 | 5 |

#### BWS616...BWS625

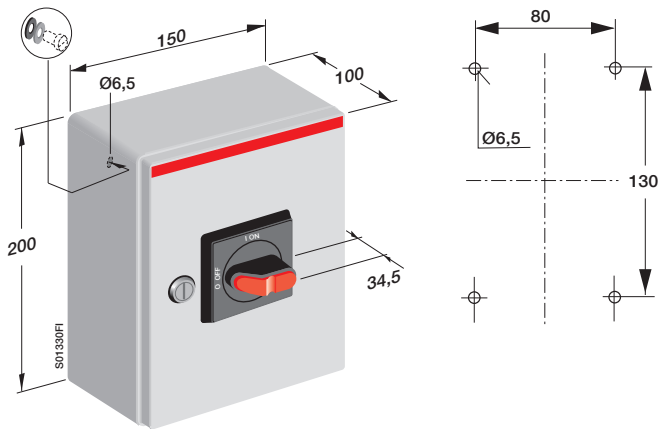


| Type                                                          | Size |     |    | Cable entry |     | Fixing dimensions |    |   |
|---------------------------------------------------------------|------|-----|----|-------------|-----|-------------------|----|---|
|                                                               | W    | H   | D  | X           | Y   | A                 | B  | G |
| <b>6-pole, Plastic enclosed side-operated safety switches</b> |      |     |    |             |     |                   |    |   |
| BWS616_                                                       | 190  | 130 | 65 | 2xØ25       | Ø16 | 124               | 90 | 5 |
| BWS625_                                                       | 190  | 130 | 65 | 2xØ25       | Ø16 | 124               | 90 | 5 |

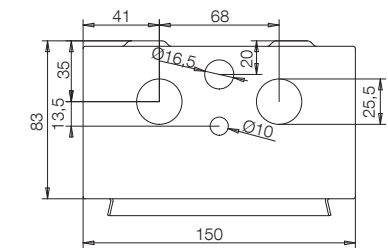
Dimension drawings

Steel and stainless steel sheet enclosed safety switches

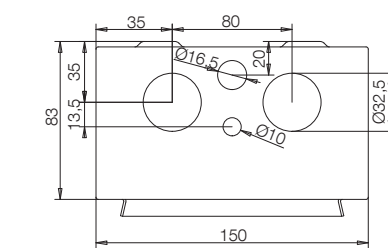
OTL, OTR16...63 with selector handle



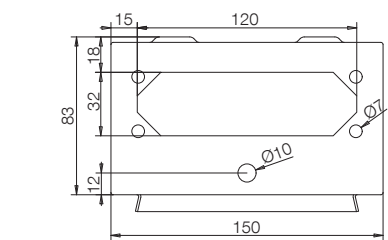
|        |                               |
|--------|-------------------------------|
| 3-pole | OTL, OTR16...63               |
| 4-pole | OTL, OTR16...63               |
| 6-pole | OTL, OTR16                    |
| EMC    | OT16...36ETMM3_E, OT16ETMM6_E |



| Type                   | Cable outlets |
|------------------------|---------------|
| OTL/OTR16_3M, 4M, 6M   | 2xØ25.5+Ø16.5 |
| OT16ETMM3_E, 6_E (EMC) | 2xØ25.5+Ø16.5 |



| Type                        | Cable outlets |
|-----------------------------|---------------|
| OTL/OTR25...36_3M, 4M       | 2xØ32.5+Ø16.5 |
| OT25...36ETMM3_E, 6_E (EMC) | 2xØ32.5+Ø16.5 |



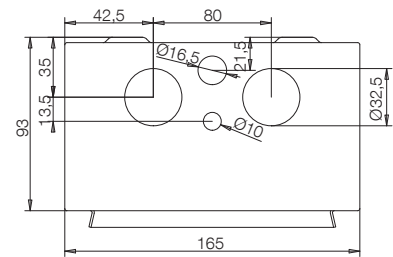
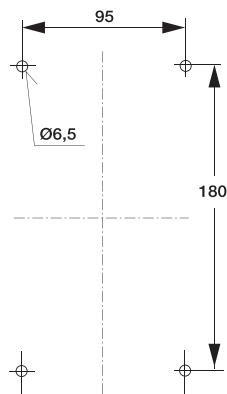
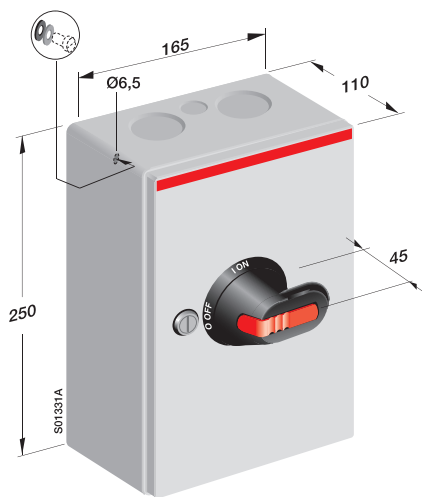
| Type                  | Cable outlets |
|-----------------------|---------------|
| OTL/OTR16...63_3B, 4B | B-flange      |
| OTL/OTR16_6B          | B-flange      |



## Dimension drawings

### Steel and stainless steel sheet enclosed safety switches

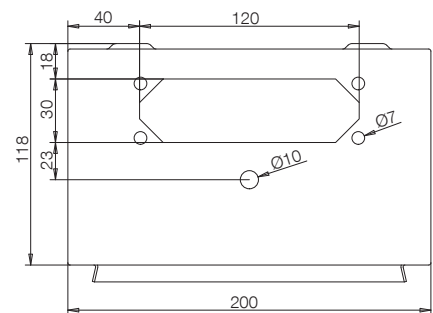
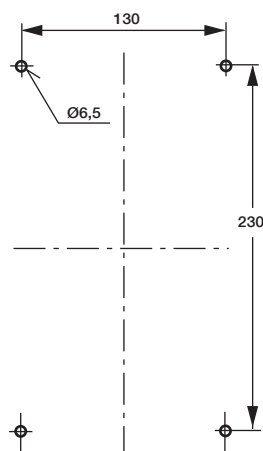
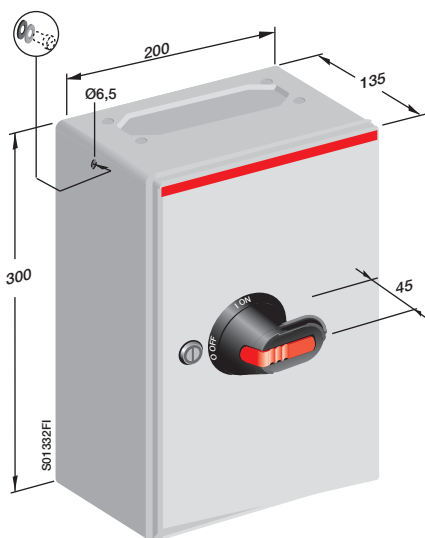
#### OTL, OTR25...63 pistol handle



| Type              | Cable outlets |
|-------------------|---------------|
| OTL/OTR63_3M, 4M  | 2xØ32.5+Ø16.5 |
| OTL/OTR25...36_6M | 2xØ32.5+Ø16.5 |
| OT63ETMM3_E (EMC) | 2xØ32.5+Ø16.5 |

|        |                               |
|--------|-------------------------------|
| 3-pole | OTL, OTR63                    |
| 4-pole | OTL, OTR63                    |
| 6-pole | OTL, OTR25...36               |
| EMC    | OT63ETMM3_E, OT25...36ETMM6_E |

#### OTL, OTR75...90 pistol handle



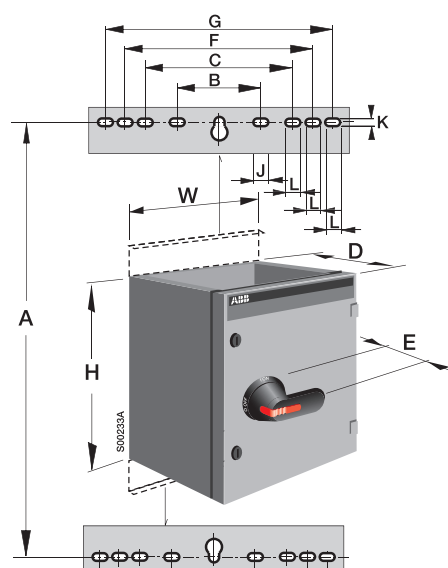
| Type                      | Cable outlets |
|---------------------------|---------------|
| OTL/OTR75...90_3B, 4B, 6B | B-flange      |
| OTL/OTR25...36_6B         | B-flange      |

|        |                 |
|--------|-----------------|
| 3-pole | OTL, OTR75...90 |
| 4-pole | OTL, OTR75...90 |
| 6-pole | OTL, OTR25...90 |

## Dimension drawings

### Steel sheet enclosed safety switches

OT90...1250\_



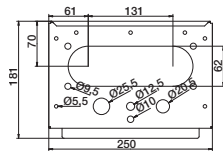
| Type                                                                                 | Size |     |     |    | Fixing dimensions |     |     |     |     | Fixing hole |    |    |
|--------------------------------------------------------------------------------------|------|-----|-----|----|-------------------|-----|-----|-----|-----|-------------|----|----|
| Steel sheet enclosed                                                                 | H    | W   | D   | E  | A                 | B   | C   | F   | G   | J           | K  | L  |
| <b>3- and 4-pole cable entries from top and bottom</b>                               |      |     |     |    |                   |     |     |     |     |             |    |    |
| OT90G_3_4_Z                                                                          | 400  | 250 | 180 | 45 | 445               | 162 |     |     |     | 27          | 11 |    |
| OT160E_3_4_Z                                                                         | 600  | 400 | 230 | 45 | 645               | 303 |     |     |     | 35          | 11 |    |
| OT200K_3_4_Z                                                                         | 600  | 400 | 230 | 45 | 645               | 303 |     |     |     | 35          | 11 |    |
| OT315K_3_4_Z                                                                         | 800  | 400 | 230 | 45 | 845               | 303 |     |     |     | 35          | 11 |    |
| OT400D_3_4_Z                                                                         | 800  | 400 | 230 | 45 | 845               | 303 |     |     |     | 35          | 11 |    |
| OT630K_3_4_Z                                                                         | 1000 | 400 | 230 | 45 | 1045              | 303 |     |     |     | 35          | 11 |    |
| OT800E_3_4_Z                                                                         | 1000 | 400 | 230 | 45 | 1045              | 303 |     |     |     | 35          | 11 |    |
| OT1000B_3_Z                                                                          | 1200 | 800 | 330 | 45 | 1245              | 303 | 512 | 612 | 712 | 35          | 11 | 27 |
| OT1000BB_3_Z                                                                         | 1200 | 400 | 330 | 45 | 1245              | 303 |     |     |     | 35          | 11 |    |
| OT1250E_3_Z                                                                          | 1200 | 800 | 330 | 45 | 1245              | 303 | 512 | 612 | 712 | 35          | 11 | 27 |
| <b>3-pole, cable entries from bottom / 4-pole 250-400A cable entries from bottom</b> |      |     |     |    |                   |     |     |     |     |             |    |    |
| OT90G_3_Z                                                                            | 400  | 400 | 230 | 45 | 445               | 303 |     |     |     | 35          | 11 |    |
| OT125G_3_Z                                                                           | 400  | 400 | 230 | 45 | 445               | 303 |     |     |     | 35          | 11 |    |
| OT160E_3_4_Z                                                                         | 600  | 400 | 230 | 45 | 645               | 303 |     |     |     | 35          | 11 |    |
| OT200K_3_4_Z                                                                         | 600  | 400 | 230 | 45 | 645               | 303 |     |     |     | 35          | 11 |    |
| OT250K_3_4_Z                                                                         | 600  | 400 | 230 | 45 | 845               | 303 |     |     |     | 35          | 11 |    |
| OT315K_3_4_Z                                                                         | 600  | 400 | 230 | 45 | 845               | 303 |     |     |     | 35          | 11 |    |
| OT400D_3_4_Z                                                                         | 800  | 400 | 230 | 45 | 845               | 303 |     |     |     | 35          | 11 |    |
| OT630K_3_Z                                                                           | 1000 | 800 | 230 | 45 | 1045              | 303 | 512 | 612 | 712 | 35          | 11 | 27 |
| OT630KB_3_Z                                                                          | 1000 | 400 | 330 | 45 | 1045              | 303 |     |     |     | 35          | 11 |    |
| OT800E_3_Z                                                                           | 1000 | 800 | 230 | 45 | 1045              | 303 | 512 | 612 | 712 | 35          | 11 | 27 |
| OT1000B_3_Z                                                                          | 1200 | 800 | 330 | 45 | 1245              | 303 | 512 | 612 | 712 | 35          | 11 | 27 |
| OT1250E_3_Z                                                                          | 1200 | 800 | 330 | 45 | 1245              | 303 | 512 | 612 | 712 | 35          | 11 | 27 |
| <b>6-pole, cable entries from top and bottom</b>                                     |      |     |     |    |                   |     |     |     |     |             |    |    |
| OT90G_6_Z                                                                            | 400  | 400 | 230 | 45 | 645               | 303 |     |     |     | 35          | 11 |    |
| OT125G_6_Z                                                                           | 400  | 400 | 230 | 45 | 445               | 303 |     |     |     | 35          | 11 |    |
| OT125G_6_Z                                                                           | 600  | 400 | 230 | 45 | 645               | 303 |     |     |     | 35          | 11 |    |
| OT160E_6_Z                                                                           | 600  | 800 | 230 | 45 | 645               | 303 | 512 | 612 | 712 | 35          | 11 | 27 |
| OT200K_6_Z                                                                           | 600  | 800 | 230 | 45 | 645               | 303 | 512 | 612 | 712 | 35          | 11 | 27 |
| OT250K_6_Z                                                                           | 800  | 800 | 230 | 45 | 845               | 303 | 512 | 612 | 712 | 35          | 11 | 27 |
| OT315K_6_Z                                                                           | 800  | 800 | 230 | 45 | 845               | 303 | 512 | 612 | 712 | 35          | 11 | 27 |
| OT400D_6_Z                                                                           | 800  | 800 | 230 | 45 | 845               | 303 | 512 | 612 | 712 | 35          | 11 | 27 |
| OT630K_6_Z                                                                           | 1000 | 800 | 230 | 45 | 1045              | 303 | 512 | 612 | 712 | 35          | 11 | 27 |
| OT800E_6_Z                                                                           | 1000 | 800 | 230 | 45 | 1045              | 303 | 512 | 612 | 712 | 35          | 11 | 27 |

## Dimension drawings

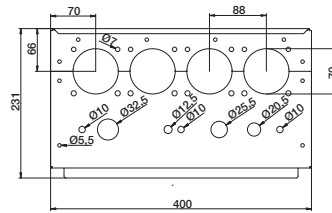
### Steel sheet enclosed safety switches

OT90...1250\_, cable entries

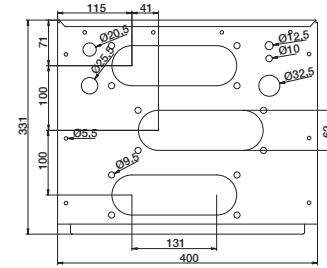
OEZXP120C



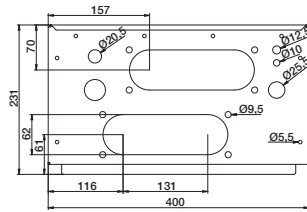
OEZXP24R



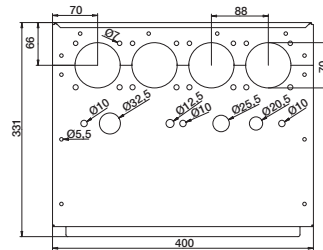
OEZXP340C



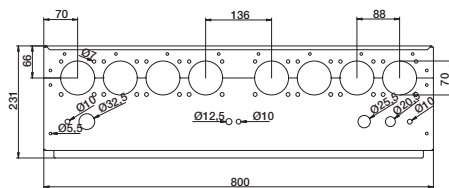
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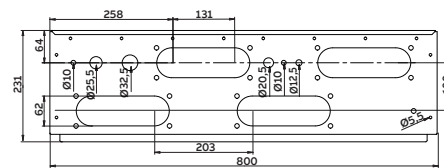
OEZXP34R



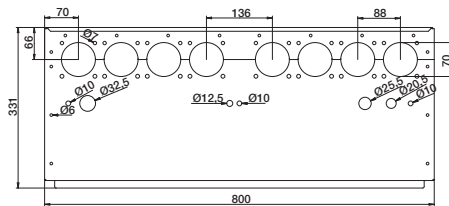
OEZXP28R



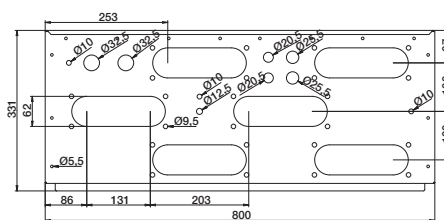
OEZXP280C



OEZXP38R

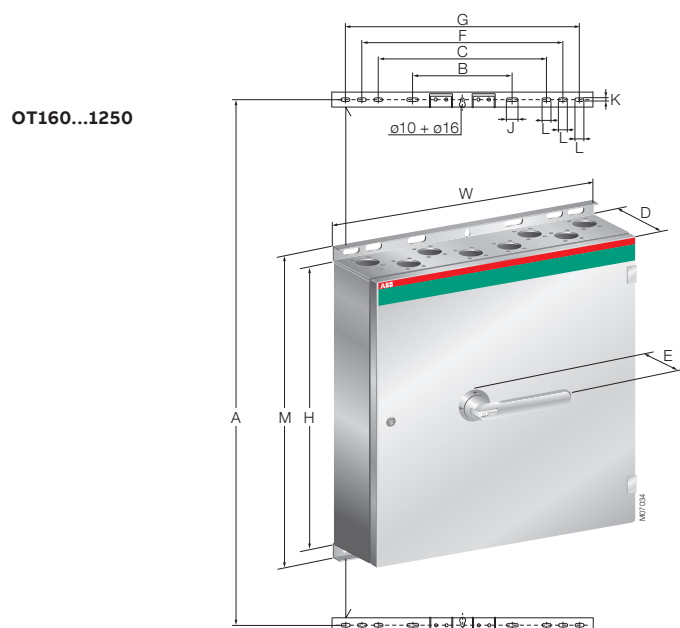


OEZXP380C

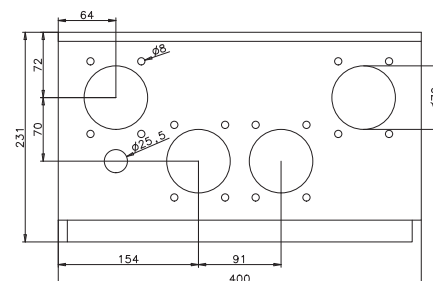


## Dimension drawings

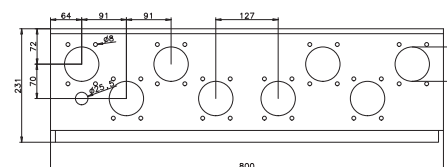
### Stainless steel sheet enclosed safety switches



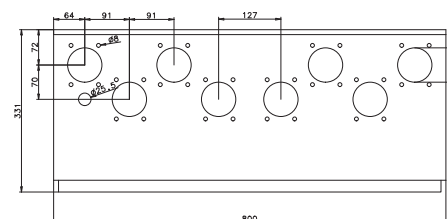
| Type                                             | Size |     |     |    |      | Fixing dimensions |     |     |     |     | Fixing hole |    |    |
|--------------------------------------------------|------|-----|-----|----|------|-------------------|-----|-----|-----|-----|-------------|----|----|
| Stainless steel sheet enclosed                   | H    | W   | D   | E  | M    | A                 | B   | C   | F   | G   | J           | K  | L  |
| <b>3-pole cable entries from top and bottom</b>  |      |     |     |    |      |                   |     |     |     |     |             |    |    |
| OT160EVRRR3TZ                                    | 600  | 400 | 230 | 51 | 695  | 645               | 303 |     |     |     | 35          | 11 |    |
| OT200ERRR3TZ                                     | 600  | 400 | 230 | 51 | 695  | 645               | 303 |     |     |     | 35          | 11 |    |
| OT250ERRR3TZ                                     | 600  | 400 | 230 | 51 | 695  | 645               | 303 |     |     |     | 35          | 11 |    |
| OT315ERRR3TZ                                     | 600  | 400 | 230 | 51 | 695  | 645               | 303 |     |     |     | 35          | 11 |    |
| OT400ERRR3TZ                                     | 800  | 400 | 230 | 51 | 895  | 845               | 303 |     |     |     | 35          | 11 |    |
| OT630ERRR3TZ                                     | 1000 | 400 | 230 | 51 | 1095 | 1045              | 303 |     |     |     | 35          | 11 |    |
| OT800ERRR3TZ                                     | 1000 | 400 | 230 | 51 | 1095 | 1045              | 303 |     |     |     | 35          | 11 |    |
| OT1000ERRR3TZ                                    | 1200 | 800 | 330 | 51 | 1295 | 1245              | 303 | 512 | 612 | 712 | 35          | 11 | 27 |
| OT1250ERRR3TZ                                    | 1200 | 800 | 330 | 51 | 1295 | 1245              | 303 | 512 | 612 | 712 | 35          | 11 | 27 |
| <b>3-pole, cable entries from bottom</b>         |      |     |     |    |      |                   |     |     |     |     |             |    |    |
| OT160ESUR3TZ                                     | 600  | 400 | 230 | 51 | 695  | 645               | 303 |     |     |     | 35          | 11 |    |
| OT200ESUR3TZ                                     | 600  | 400 | 230 | 51 | 695  | 645               | 303 |     |     |     | 35          | 11 |    |
| OT250ESUR3TZ                                     | 800  | 400 | 230 | 51 | 895  | 845               | 303 |     |     |     | 35          | 11 |    |
| OT315ESUR3TZ                                     | 800  | 400 | 230 | 51 | 895  | 845               | 303 |     |     |     | 35          | 11 |    |
| OT400ESUR3TZ                                     | 800  | 400 | 230 | 51 | 895  | 845               | 303 |     |     |     | 35          | 11 |    |
| OT630ESUR3TZ                                     | 1000 | 800 | 330 | 51 | 1095 | 1045              | 303 | 512 | 612 | 712 | 35          | 11 | 27 |
| OT800ESUR3TZ                                     | 1000 | 800 | 330 | 51 | 1095 | 1045              | 303 | 512 | 612 | 712 | 35          | 11 | 27 |
| OT1000ESUR3TZ                                    | 1200 | 800 | 330 | 51 | 1295 | 1245              | 303 | 512 | 612 | 712 | 35          | 11 | 27 |
| OT1250ESUR3TZ                                    | 1200 | 800 | 330 | 51 | 1295 | 1245              | 303 | 512 | 612 | 712 | 35          | 11 | 27 |
| <b>6-pole, cable entries from top and bottom</b> |      |     |     |    |      |                   |     |     |     |     |             |    |    |
| OT160EVRRR6TZ                                    | 800  | 800 | 230 | 51 | 895  | 845               | 303 | 512 | 612 | 712 | 35          | 11 | 27 |
| OT200ERRR6TZ                                     | 800  | 800 | 230 | 51 | 895  | 845               | 303 | 512 | 612 | 712 | 35          | 11 | 27 |
| OT250ERRR6TZ                                     | 800  | 800 | 230 | 51 | 895  | 845               | 303 | 512 | 612 | 712 | 35          | 11 | 27 |
| OT315ERRR6TZ                                     | 800  | 800 | 230 | 51 | 895  | 845               | 303 | 512 | 612 | 712 | 35          | 11 | 27 |
| OT400ERRR6TZ                                     | 800  | 800 | 230 | 51 | 895  | 845               | 303 | 512 | 612 | 712 | 35          | 11 | 27 |
| OT630ERRR6TZ                                     | 1000 | 800 | 330 | 51 | 1095 | 1045              | 303 | 512 | 612 | 712 | 35          | 11 | 27 |
| OT800ERRR6TZ                                     | 1000 | 800 | 330 | 51 | 1095 | 1045              | 303 | 512 | 612 | 712 | 35          | 11 | 27 |
| <b>6-pole, cable entries from bottom</b>         |      |     |     |    |      |                   |     |     |     |     |             |    |    |
| OT160ESUR6TZ                                     | 800  | 800 | 230 | 51 | 895  | 845               | 303 | 512 | 612 | 712 | 35          | 11 | 27 |
| OT200ESUR6TZ                                     | 800  | 800 | 230 | 51 | 895  | 845               | 303 | 512 | 612 | 712 | 35          | 11 | 27 |
| OT250ESUR6TZ                                     | 800  | 800 | 230 | 51 | 895  | 845               | 303 | 512 | 612 | 712 | 35          | 11 | 27 |
| OT315ESUR6TZ                                     | 800  | 800 | 230 | 51 | 895  | 845               | 303 | 512 | 612 | 712 | 35          | 11 | 27 |
| OT400ESUR6TZ                                     | 800  | 800 | 230 | 51 | 895  | 845               | 303 | 512 | 612 | 712 | 35          | 11 | 27 |
| OT630ESUR6TZ                                     | 1000 | 800 | 330 | 51 | 1095 | 1045              | 303 | 512 | 612 | 712 | 35          | 11 | 27 |



| Type                 | Cable entry size |
|----------------------|------------------|
| OT160EV...800ERRR3TZ | 400x230          |
| OT160EV...400ESUR3TZ | 400x230          |



| Type                 | Cable entry size |
|----------------------|------------------|
| OT160EV...400ERRR6TZ | 800x230          |
| OT160EV...400ESUR6TZ | 800x230          |

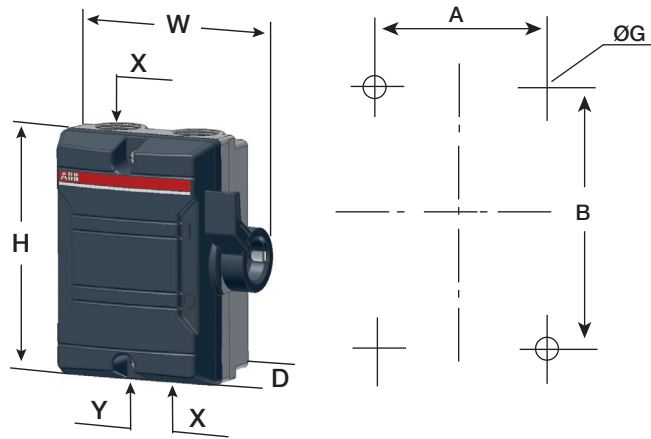


| Type                 | Cable entry size |
|----------------------|------------------|
| OT1000...1250ERRR3TZ | 800x330          |
| OT630...1250ESUR3TZ  | 800x330          |
| OT630ESUR6TZ         | 800x330          |
| OT630...800ERRRGTZ   | 800x330          |
| OT630...800ERRRGTZ   | 800x330          |

## Dimension drawings

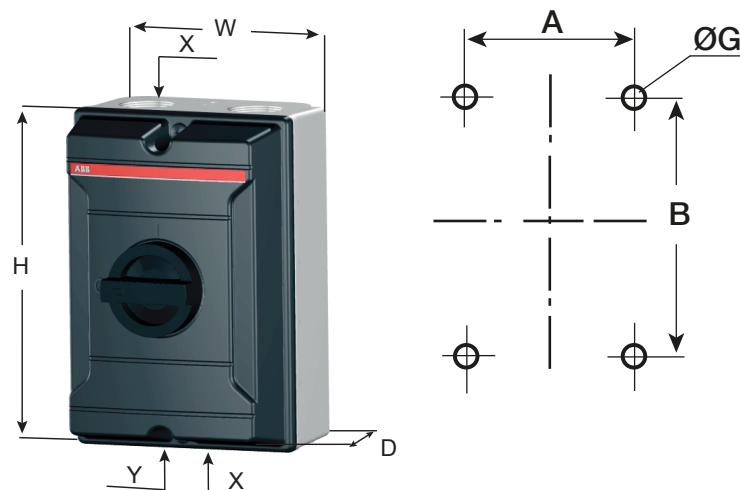
### Aluminum enclosed safety switches

#### Side-operated safety switches LBAS\_16...LBAS\_25



| Type                                                           | Size |     |    | Cable entry |       | Fixing dimensions |     |   |
|----------------------------------------------------------------|------|-----|----|-------------|-------|-------------------|-----|---|
|                                                                | W    | H   | D  | X           | Y     | A                 | B   | G |
| <b>3-pole, Aluminum enclosed side-operated safety switches</b> |      |     |    |             |       |                   |     |   |
| LBAS316_                                                       | 111  | 130 | 60 | 2xM25       | -     | 64                | 90  | 5 |
| LBAS325_                                                       | 138  | 168 | 68 | 2xM32       | 1xM16 | 90                | 127 | 5 |
| <b>4-pole, Aluminum enclosed side-operated safety switches</b> |      |     |    |             |       |                   |     |   |
| LBAS416_                                                       | 111  | 130 | 60 | 2xM25       | -     | 64                | 90  | 5 |
| LBAS425_                                                       | 138  | 168 | 68 | 2xM32       | 1xM16 | 90                | 127 | 5 |

#### Front-operated safety switches LBAS\_45...LBAS\_90

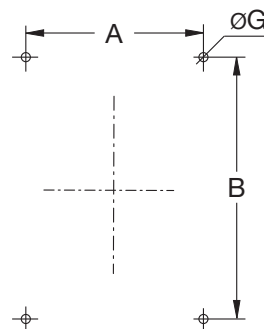
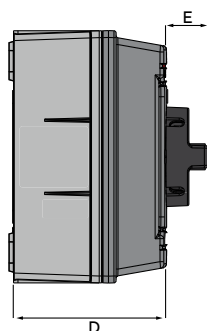
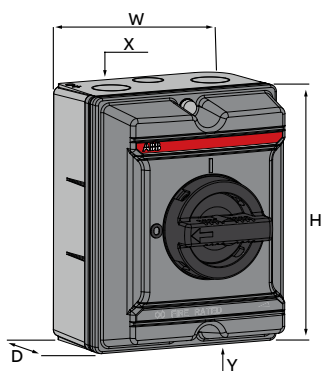


| Type                                                    | Size |     |     | Cable entry |       | Fixing dimensions |     |     |
|---------------------------------------------------------|------|-----|-----|-------------|-------|-------------------|-----|-----|
|                                                         | W    | H   | D   | X           | Y     | A                 | B   | G   |
| <b>Aluminum enclosed front-operated safety switches</b> |      |     |     |             |       |                   |     |     |
| LBAS_45..._90                                           | 160  | 230 | 118 | 2xM40       | 1xM16 | 124               | 190 | 5.3 |

## Dimension drawings

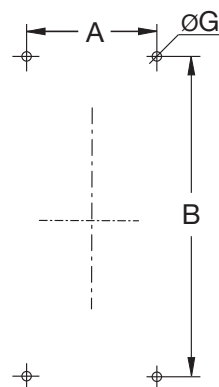
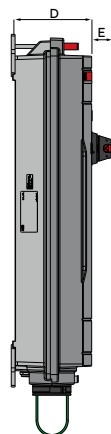
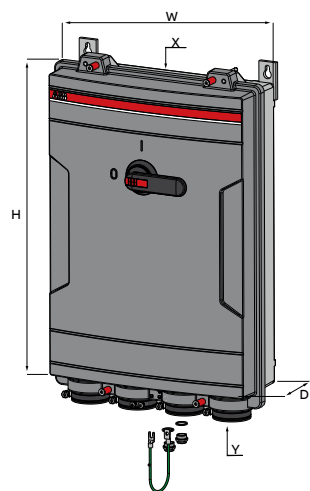
### Aluminum enclosed safety switches

#### OTA16...63



| Size |     |     |    | Cable entry   |               | Fixing dimensions |     |     |
|------|-----|-----|----|---------------|---------------|-------------------|-----|-----|
| H    | W   | D   | E  | X             | Y             | A                 | B   | G   |
| 165  | 130 | 103 | 28 | 2xM25 + 1xM20 | 2xM25 + 1xM20 | 95                | 125 | 6,5 |

#### OTA125...600



#### OTA125...160, OKA125...160

| Size |     |     |    | Cable entry |            | Fixing dimensions |     |     |
|------|-----|-----|----|-------------|------------|-------------------|-----|-----|
| H    | W   | D   | E  | X           | Y          | A                 | B   | G   |
| 620  | 425 | 210 | 45 | -           | 2xø24-48mm | 365               | 615 | 9,8 |

#### OTA200...400, OKA200...400

| Size |     |     |    | Cable entry |            | Fixing dimensions |     |     |
|------|-----|-----|----|-------------|------------|-------------------|-----|-----|
| H    | W   | D   | E  | X           | Y          | A                 | B   | G   |
| 730  | 485 | 215 | 45 | -           | 4xø28-68mm | 425               | 710 | 9,8 |

#### OTA600, OKA600

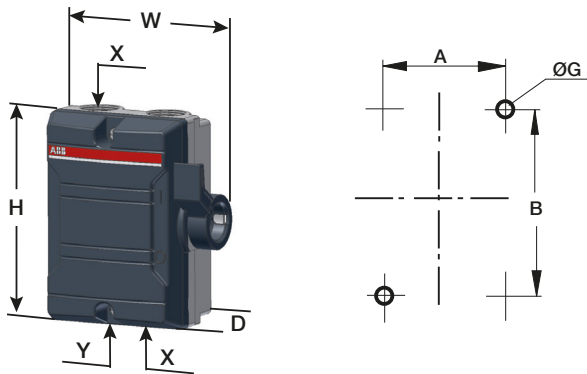
| Size |     |     |    | Cable entry |            | Fixing dimensions |     |     |
|------|-----|-----|----|-------------|------------|-------------------|-----|-----|
| H    | W   | D   | E  | X           | Y          | A                 | B   | G   |
| 975  | 585 | 270 | 45 | -           | 4xø28-68mm | 525               | 840 | 9,8 |



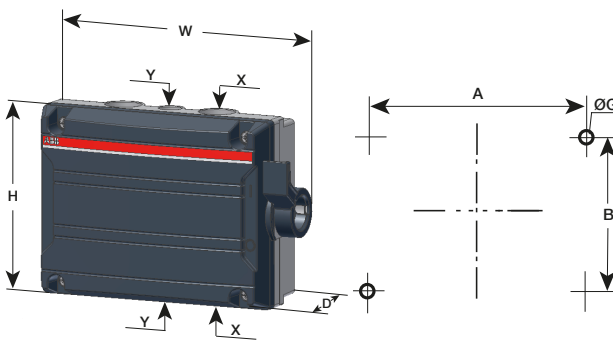
## Dimension drawings

### Plastic enclosed switch-disconnectors

BW 225....425, BW 240..440

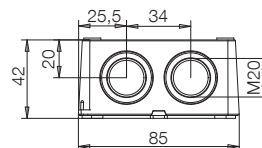


BW 625...640

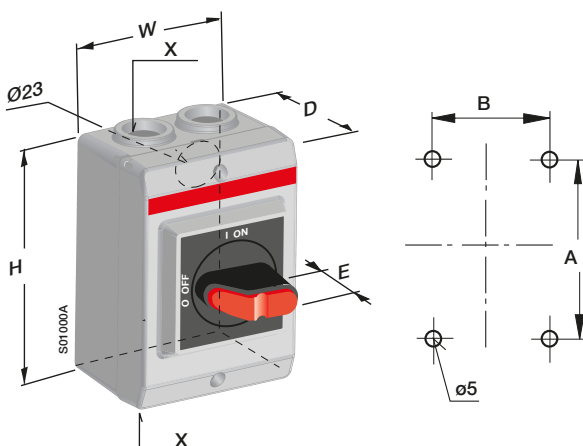


#### Side operated switch-disconnectors

| Type                                                 | Size |     |    | Cable entry |       | Fixing dimensions |     |   |
|------------------------------------------------------|------|-----|----|-------------|-------|-------------------|-----|---|
|                                                      | H    | W   | D  | X           | Y     | A                 | B   | G |
| <b>2-pole, plastic enclosed switch-disconnectors</b> |      |     |    |             |       |                   |     |   |
| BW 225 DP                                            | 130  | 111 | 60 | 2xM25       | -     | 64                | 90  | 5 |
| BW 225 W DP                                          | 130  | 111 | 60 | 2xM25       | -     | 64                | 90  | 5 |
| BW 240 DP                                            | 168  | 138 | 68 | 2xM32       | 1xM16 | 90                | 127 | 5 |
| <b>3-pole, plastic enclosed switch-disconnectors</b> |      |     |    |             |       |                   |     |   |
| BW 325 W TPN                                         | 130  | 111 | 60 | 2xM25       | -     | 64                | 90  | 5 |
| BW 325 TPN                                           | 130  | 111 | 60 | 2xM25       | -     | 64                | 90  | 5 |
| BW 325 Y TPN                                         | 130  | 111 | 60 | 2xM25       | -     | 64                | 90  | 5 |
| BW 325 L TPN                                         | 130  | 111 | 62 | 2xM25       | -     | 64                | 90  | 5 |
| BW 325 K TPN                                         | 130  | 111 | 62 | 2xM25       | -     | 64                | 90  | 5 |
| BW 340 TPN                                           | 168  | 138 | 68 | 2xM32       | 1xM16 | 90                | 127 | 5 |
| <b>4-pole, plastic enclosed switch-disconnectors</b> |      |     |    |             |       |                   |     |   |
| BW 425 TPSN                                          | 130  | 111 | 60 | 2xM25       | -     | 64                | 90  | 5 |
| BW 440 TPSN                                          | 168  | 138 | 68 | 2xM32       | 1xM16 | 90                | 127 | 5 |
| <b>6-pole, plastic enclosed switch-disconnectors</b> |      |     |    |             |       |                   |     |   |
| BW 625 TPN                                           | 130  | 190 | 65 | 2xø25       | ø16   | 124               | 90  | 5 |
| BW 640 TPN                                           | 130  | 190 | 65 | 2xø25       | ø16   | 124               | 90  | 5 |



OTP16B\_



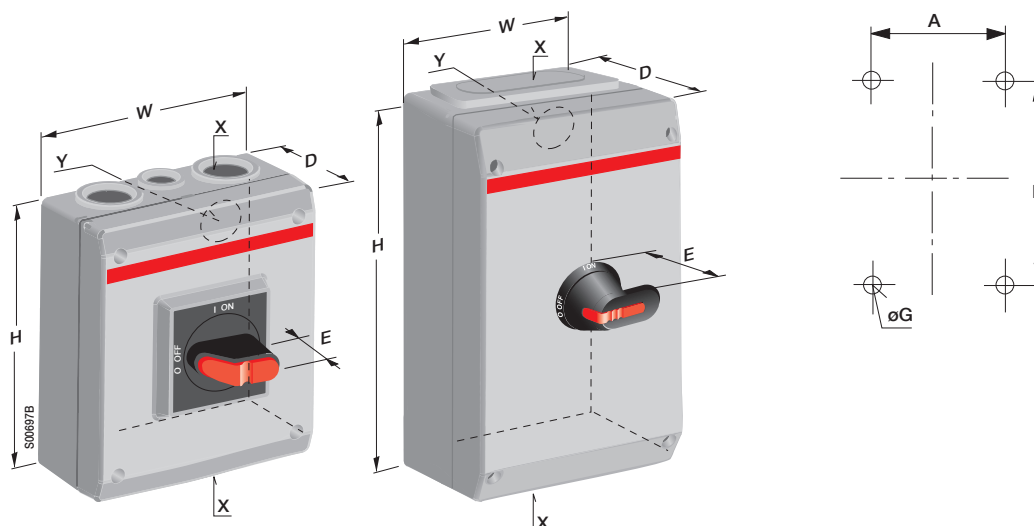
#### Front operated switch-disconnectors

| Type                 | Size |    |    |    | Cable entry | Fixing dimensions |      |
|----------------------|------|----|----|----|-------------|-------------------|------|
|                      | H    | W  | D  | E  | X           | A                 | B    |
| <b>3- and 4-pole</b> |      |    |    |    |             |                   |      |
| OTP16_3M             | 120  | 85 | 60 | 33 | 2xM20       | 105.5             | 70.5 |
| OTP16_3M25           | 120  | 85 | 60 | 33 | 2xM25       | 105.5             | 70.5 |
| OTP16_3U             | 120  | 85 | 60 | 33 | -           | 105.5             | 70.5 |

## Dimension drawings

### Plastic enclosed switch-disconnectors

OTP16...125



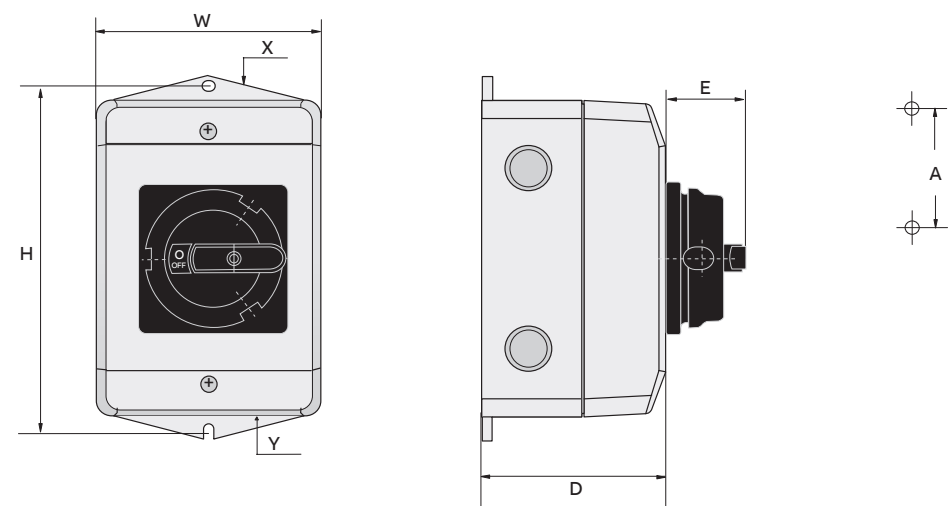
#### Front operated switch-disconnectors

| Type            | Size |     |     |    | Cable entry |           | Fixing dimensions |       |   |
|-----------------|------|-----|-----|----|-------------|-----------|-------------------|-------|---|
|                 | H    | W   | D   | E  | X           | Y         | A                 | B     | C |
| <b>3-pole</b>   |      |     |     |    |             |           |                   |       |   |
| OTP 25...32_3M  | 150  | 130 | 85  | 33 | 2xM25+M16   | 2Xø29+ø19 | 115               | 136   | 5 |
| OTP 25...32_3P  | 150  | 130 | 85  | 33 | 2XPg21+Pg11 | 2Xø29+ø19 | 115               | 136   | 5 |
| OTP 45...63_3M  | 200  | 145 | 90  | 33 | 2xM32+M16   | 2Xø38+ø19 | 129.5             | 182.5 | 5 |
| OTP 45...63_3P  | 200  | 145 | 90  | 33 | 2xPg29+Pg11 | 2Xø38+ø19 | 129.5             | 182.5 | 5 |
| OTP80...125_3B  | 400  | 200 | 140 | 33 | I-flange    | Blank     | 176               | 376   | 6 |
| OTP80...125_3U  | 400  | 200 | 140 | 33 | Blank       | Blank     | 176               | 376   | 6 |
| OTP100...125_3M | 400  | 200 | 140 | 33 | 2xM50+M16   | Blank     | 176               | 376   | 6 |
| <b>4-pole</b>   |      |     |     |    |             |           |                   |       |   |
| OTP 16...32_4M  | 150  | 130 | 85  | 33 | 2xM25+M16   | 2Xø29+ø19 | 115               | 136   | 5 |
| OTP 16...32_4P  | 150  | 130 | 85  | 33 | 2XPg21+Pg11 | 2Xø29+ø19 | 115               | 136   | 5 |
| OTP 45...63_4M  | 200  | 145 | 90  | 33 | 2xM32+M16   | 2Xø38+ø19 | 129.5             | 182.5 | 5 |
| OTP 45...63_4P  | 200  | 145 | 90  | 33 | 2xPg29+Pg11 | 2Xø38+ø19 | 129.5             | 182.5 | 5 |
| OTP80...125_4B  | 400  | 200 | 140 | 33 | I-flange    | Blank     | 176               | 376   | 6 |
| OTP80...125_4U  | 400  | 200 | 140 | 33 | Blank       | Blank     | 176               | 376   | 6 |
| OTP100...125_4M | 400  | 200 | 140 | 33 | 2xM50+M16   | Blank     | 176               | 376   | 6 |
| <b>6-pole</b>   |      |     |     |    |             |           |                   |       |   |
| OTP 16...32_6M  | 150  | 130 | 85  | 33 | 2xM25+M16   | 2Xø29+ø19 | 115               | 136   | 5 |
| OTP 16...32_6P  | 150  | 130 | 85  | 33 | 2XPg21+Pg11 | 2Xø29+ø19 | 115               | 136   | 5 |
| OTP 45...63_6M  | 200  | 145 | 90  | 45 | 2xM32+M16   | 2Xø38+ø19 | 129.5             | 182.5 | 5 |
| OTP 45...63_6P  | 200  | 145 | 90  | 45 | 2xPg29+Pg11 | 2Xø38+ø19 | 129.5             | 182.5 | 5 |
| OTP80...125_6B  | 400  | 200 | 140 | 45 | I-flange    | Blank     | 176               | 376   | 6 |
| OTP80...125_6U  | 400  | 200 | 140 | 45 | Blank       | Blank     | 176               | 376   | 6 |
| OTP125_6M       | 400  | 200 | 140 | 45 | 2xM50+M16   | Blank     | 176               | 376   | 6 |

Dimension drawings

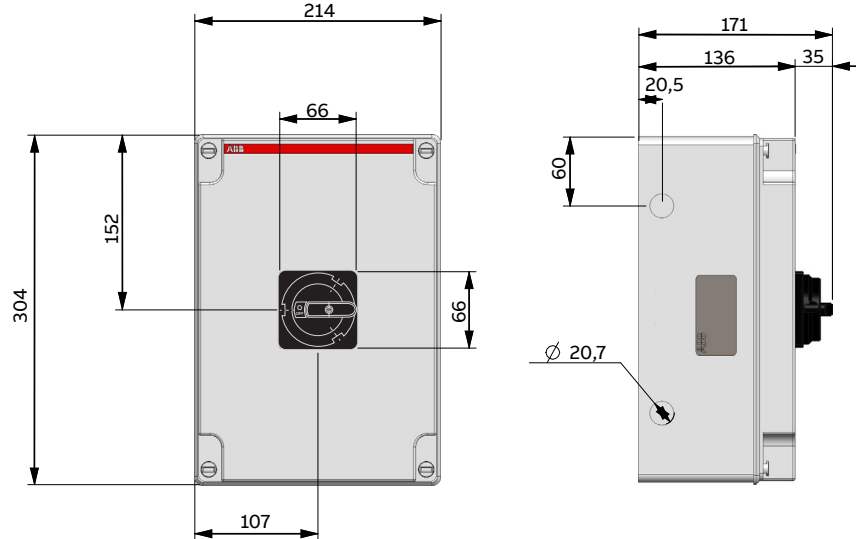
Plastic enclosed switch-disconnectors

OTU16-32\_, OTU45-63\_



| Type      | Size |     |     |    | Cable entry   |               | Fixing dimensions |
|-----------|------|-----|-----|----|---------------|---------------|-------------------|
|           | H    | W   | D   | E  | X             | Y             | A                 |
| OTU16-32_ | 152  | 100 | 80  | 35 | 22/28 or 25,5 | 22/28 or 25,5 | 152               |
| OTU45-63_ | 188  | 146 | 104 | 35 | 32,5/40,5     | 32,5/40,5     | 188               |

OTU100-125\_

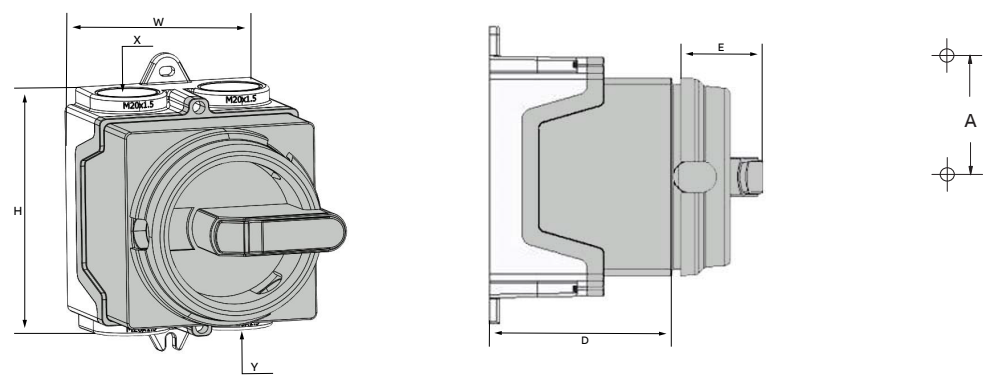


| Type        | Size |     |     |    | Cable entry |             | Fixing dimensions |
|-------------|------|-----|-----|----|-------------|-------------|-------------------|
|             | H    | W   | D   | E  | X           | Y           | A                 |
| OTU100-125_ | 300  | 210 | 136 | 35 | 2x40,5+20,5 | 2x40,5+20,5 | 239x187           |

Dimension drawings

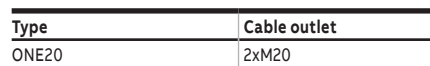
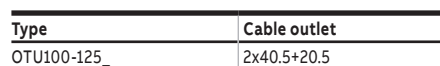
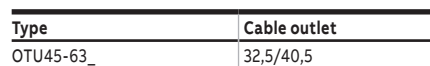
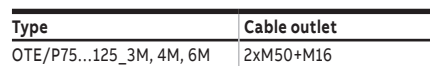
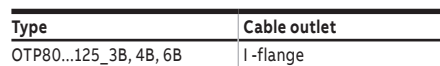
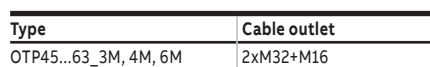
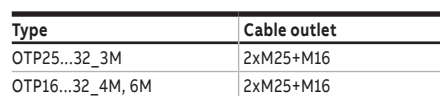
Plastic enclosed switch-disconnectors

ONE20



| Size |    |    |      | Cable entry |       | Fixing dimensions |
|------|----|----|------|-------------|-------|-------------------|
| H    | W  | D  | E    | X           | Y     | A                 |
| 76.5 | 64 | 56 | 25.4 | 2xM20       | 2xM20 | 82.5              |

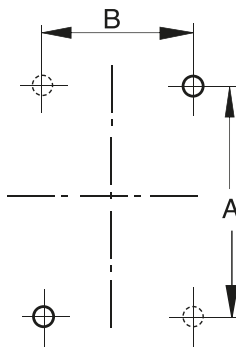
## Cable entry for OT-type enclosures



## Dimension drawings

### Plastic enclosed switch-disconnectors and switch fuses

OT160...800, OS20...400

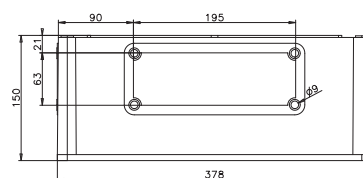
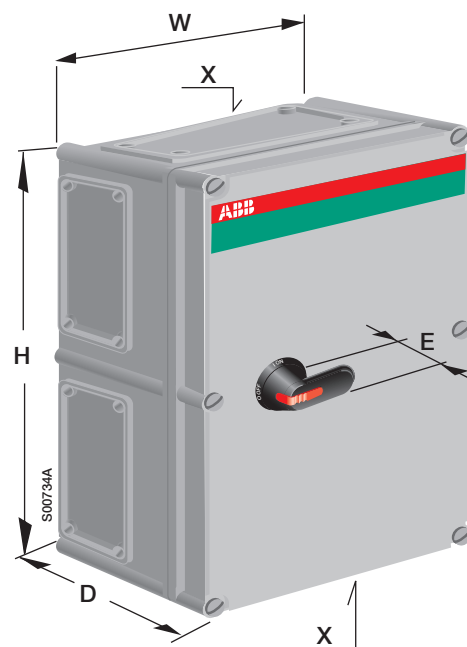


#### Front operated switch-disconnectors

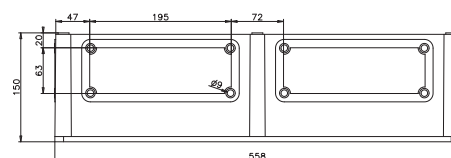
| Type          | Size |     |     |    | Cable entry | Fixing dimensions |     |
|---------------|------|-----|-----|----|-------------|-------------------|-----|
|               | H    | W   | D   | E  |             | A                 | B   |
| 3- and 4-pole |      |     |     |    |             |                   |     |
| OT160E_3_, 4_ | 380  | 280 | 130 | 45 | II          | 355               | 255 |
| OT200K_3_, 4_ | 560  | 380 | 180 | 45 | II          | 535               | 355 |
| OT250K_3_, 4_ | 560  | 380 | 180 | 45 | II          | 535               | 355 |
| OT315K_3_, 4_ | 560  | 380 | 180 | 45 | II          | 535               | 355 |
| OT400D_3_, 4_ | 840  | 380 | 180 | 45 | II          | 815               | 355 |
| OT630K_3_, 4_ | 760  | 560 | 250 | 45 | II          | 815               | 355 |
| OT800K_3_, 4_ | 760  | 560 | 250 | 45 | II          | 815               | 355 |
| 6-pole        |      |     |     |    |             |                   |     |
| OT200K_6_     | 760  | 560 | 250 | 45 | 2 x II      | 735               | 535 |
| OT250K_6_     | 760  | 560 | 250 | 45 | 2 x II      | 735               | 535 |
| OT315K_6_     | 760  | 560 | 250 | 45 | 2 x II      | 735               | 535 |
| OT400D_6_     | 760  | 560 | 250 | 45 | 2 x II      | 735               | 535 |

#### Front operated switch fuses

| Type              | Size |     |     |    | Cable entry | Fixing dimensions |     |
|-------------------|------|-----|-----|----|-------------|-------------------|-----|
|                   | H    | W   | D   | E  |             | A                 | B   |
| 2-, 3- and 4-pole |      |     |     |    |             |                   |     |
| OS20P_3_, 4_      | 280  | 180 | 150 | -  | -           | -                 | -   |
| OS32G_2_, 3_, 4_  | 380  | 280 | 130 | 45 | II          | 355               | 255 |
| OS63G_2_, 3_, 4_  | 380  | 280 | 130 | 45 | II          | 355               | 255 |
| OS100G_3_, 4_     | 560  | 380 | 180 | 45 | II          | 535               | 355 |
| OS125G_3_, 4_     | 560  | 380 | 180 | 45 | II          | 535               | 355 |
| OS160G_3_, 4_     | 560  | 380 | 180 | 45 | II          | 535               | 355 |
| OS200B_3_, 4_     | 560  | 380 | 180 | 45 | II          | 535               | 355 |
| OS250D_3_, 4_     | 560  | 380 | 180 | 45 | II          | 535               | 355 |
| OS315B_3_         | 760  | 560 | 250 | 45 | 2 x II      | 735               | 535 |
| OS400B_3_         | 760  | 560 | 250 | 45 | 2 x II      | 735               | 535 |
| OS400D_3_, 4_     | 760  | 560 | 250 | 45 | 2 x II      | 735               | 535 |



| Type        |           |
|-------------|-----------|
| OT160...800 | Flange II |
| OS32...250  | Flange II |



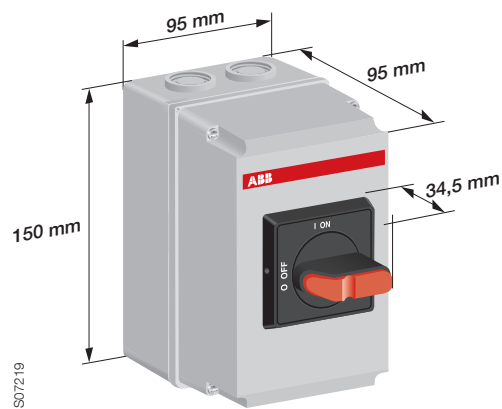
| Type        |             |
|-------------|-------------|
| OT200...400 | Flange 2xII |
| OS315...400 | Flange 2xII |



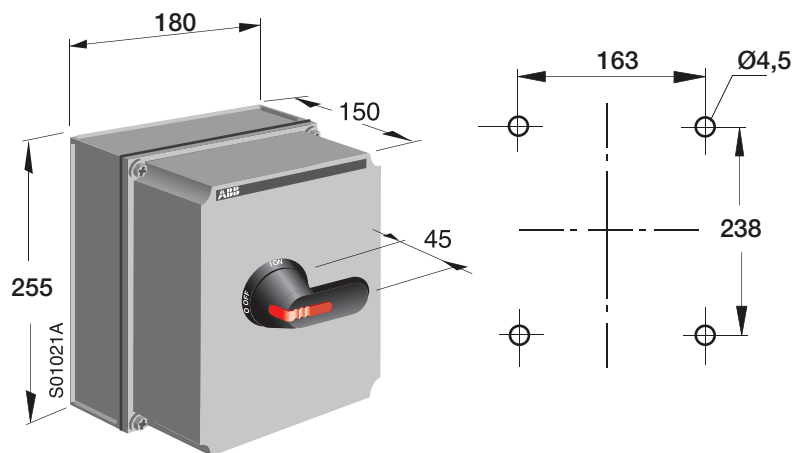
## Dimension drawings

Plastic enclosed DC-switch-disconnectors and switch fuses

OTDCP16...32, DC rated switch-disconnectors



OS20

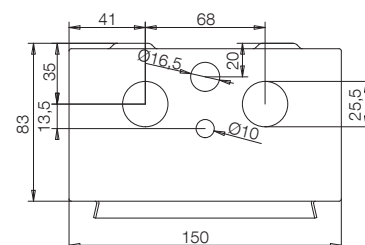
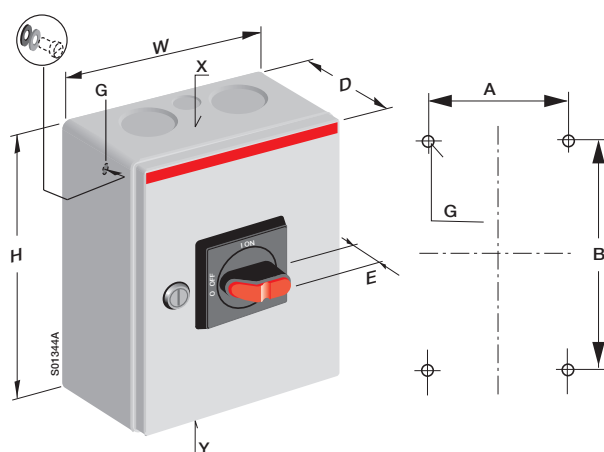


| Type         |
|--------------|
| OS20PA1FUU3B |
| OS20PA1FUU4B |

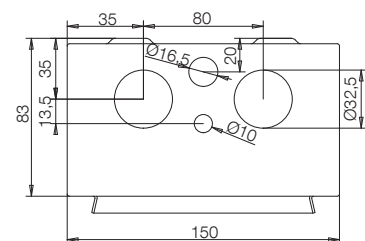
## Dimension drawings

Steel sheet / stainless steel sheet enclosed switch-disconnectors

### OTL/OTR16...63



| Type                      | Cable outlets |
|---------------------------|---------------|
| OTL/OTR16...32_3M, 4M, 6M | 2xØ25.5+Ø16.5 |



| Type                  | Cable outlets |
|-----------------------|---------------|
| OTL/OTR45...63_3M, 4M | 2xØ32.5+Ø16.5 |

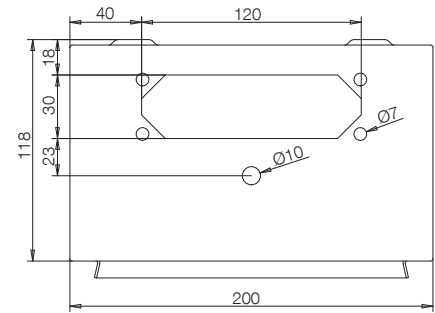
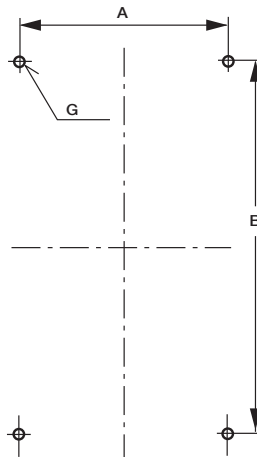
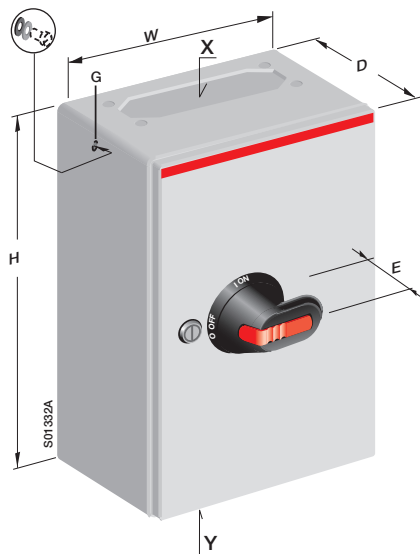
### Front operated switch-disconnectors

| Type          | Size |     |     |    | Cable entry   |               | Fixing dimensions |     |     |
|---------------|------|-----|-----|----|---------------|---------------|-------------------|-----|-----|
|               | H    | W   | D   | E  | X             | Y             | A                 | B   | G   |
| <b>3 pole</b> |      |     |     |    |               |               |                   |     |     |
| OTL/OTR16B_3M | 200  | 150 | 100 | 33 | 2xØ25,5+Ø16,5 | 2xØ25,5+Ø16,5 | 80                | 130 | 6,6 |
| OTL/OTR25B_3M | 200  | 150 | 100 | 33 | 2xØ25,5+Ø16,5 | 2xØ25,5+Ø16,5 | 80                | 130 | 6,6 |
| OTL/OTR32B_3M | 200  | 150 | 100 | 33 | 2xØ25,5+Ø16,5 | 2xØ25,5+Ø16,5 | 80                | 130 | 6,6 |
| OTL/OTR45B_3M | 200  | 150 | 100 | 33 | 2xØ32,5+Ø16,5 | 2xØ32,5+Ø16,5 | 80                | 130 | 6,6 |
| OTL/OTR63B_3M | 200  | 150 | 100 | 33 | 2xØ32,5+Ø16,5 | 2xØ32,5+Ø16,5 | 80                | 130 | 6,6 |
| <b>4 pole</b> |      |     |     |    |               |               |                   |     |     |
| OTL/OTR16B_4M | 200  | 150 | 100 | 33 | 2xØ25,5+Ø16,5 | 2xØ25,5+Ø16,5 | 80                | 130 | 6,6 |
| OTL/OTR25B_4M | 200  | 150 | 100 | 33 | 2xØ25,5+Ø16,5 | 2xØ25,5+Ø16,5 | 80                | 130 | 6,6 |
| OTL/OTR32B_4M | 200  | 150 | 100 | 33 | 2xØ25,5+Ø16,5 | 2xØ25,5+Ø16,5 | 80                | 130 | 6,6 |
| OTL/OTR45B_4M | 200  | 150 | 100 | 33 | 2xØ32,5+Ø16,5 | 2xØ32,5+Ø16,5 | 80                | 130 | 6,6 |
| OTL/OTR63B_4M | 200  | 150 | 100 | 33 | 2xØ32,5+Ø16,5 | 2xØ32,5+Ø16,5 | 80                | 130 | 6,6 |
| <b>6 pole</b> |      |     |     |    |               |               |                   |     |     |
| OTL/OTR16B_6M | 200  | 150 | 100 | 33 | 2xØ25,5+Ø16,5 | 2xØ25,5+Ø16,5 | 80                | 130 | 6,6 |
| OTL/OTR25B_6M | 200  | 150 | 100 | 33 | 2xØ25,5+Ø16,5 | 2xØ25,5+Ø16,5 | 80                | 130 | 6,6 |
| OTL/OTR32B_6M | 200  | 150 | 100 | 33 | 2xØ25,5+Ø16,5 | 2xØ25,5+Ø16,5 | 80                | 130 | 6,6 |

## Dimension drawings

Steel sheet / stainless steel sheet enclosed switch-disconnectors

OTL/OTR45...125



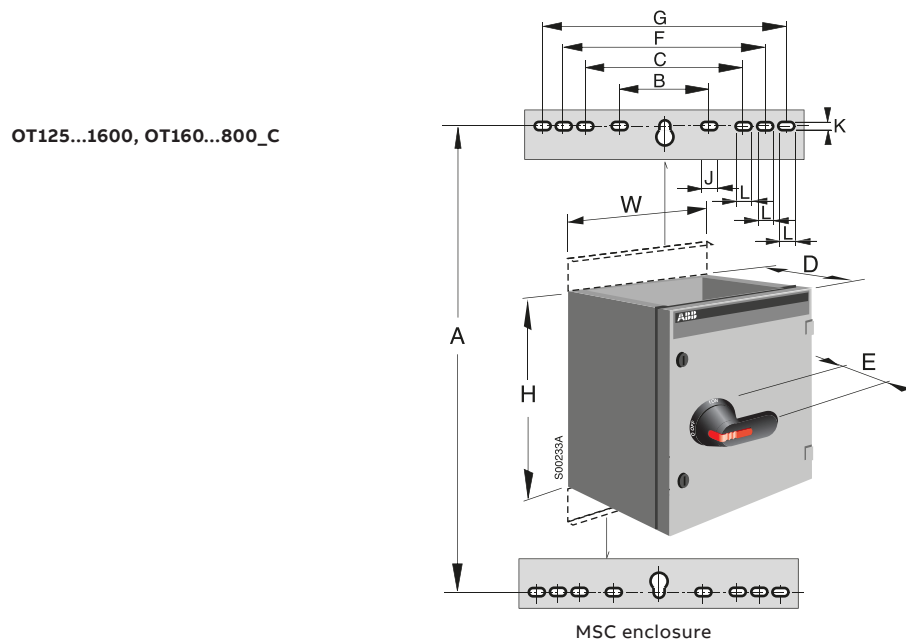
| Type                    | Cable outlets |
|-------------------------|---------------|
| OTL/OTR100...125_3B, 4B | B-flange      |
| OTL/OTR45...63_6B       | B-flange      |

### Front operated switch-disconnectors

| Type           | Size |     |     |    | Cable entry |          | Fixing dimensions |     |     |
|----------------|------|-----|-----|----|-------------|----------|-------------------|-----|-----|
|                | H    | W   | D   | E  | X           | Y        | A                 | B   | G   |
| <b>3 pole</b>  |      |     |     |    |             |          |                   |     |     |
| OTL/OTR100B_3B | 300  | 200 | 135 | 45 | B-flange    | B-flange | 130               | 230 | 6,5 |
| OTL/OTR100B_3U | 300  | 200 | 135 | 45 | Blank       | Blank    | 130               | 230 | 6,5 |
| OTL/OTR125B_3B | 300  | 200 | 135 | 45 | B-flange    | B-flange | 130               | 230 | 6,5 |
| OTL/OTR125B_3U | 300  | 200 | 135 | 45 | Blank       | Blank    | 130               | 230 | 6,5 |
| <b>4 pole</b>  |      |     |     |    |             |          |                   |     |     |
| OTL/OTR100B_4B | 300  | 200 | 135 | 45 | B-flange    | B-flange | 130               | 230 | 6,5 |
| OTL/OTR100B_4U | 300  | 200 | 135 | 45 | Blank       | Blank    | 130               | 230 | 6,5 |
| OTL/OTR125B_4B | 300  | 200 | 135 | 45 | B-flange    | B-flange | 130               | 230 | 6,5 |
| OTL/OTR125B_4U | 300  | 200 | 135 | 45 | Blank       | Blank    | 130               | 230 | 6,5 |
| <b>6 pole</b>  |      |     |     |    |             |          |                   |     |     |
| OTL/OTR45B_6B  | 300  | 200 | 135 | 45 | B-flange    | B-flange | 130               | 230 | 6,5 |
| OTL/OTR45B_6U  | 300  | 200 | 135 | 45 | Blank       | Blank    | 130               | 230 | 6,5 |
| OTL/OTR63B_6B  | 300  | 200 | 135 | 45 | B-flange    | B-flange | 130               | 230 | 6,5 |
| OTL/OTR63B_6U  | 300  | 200 | 135 | 45 | Blank       | Blank    | 130               | 230 | 6,5 |

## Dimension drawings

### Steel sheet enclosed switch-disconnectors and change-over switches



#### Front operated switch-disconnectors

| Type                                       | Size |     |     |    | Fixing dimensions |     |     |     |     | Fixing holes |    |    |
|--------------------------------------------|------|-----|-----|----|-------------------|-----|-----|-----|-----|--------------|----|----|
|                                            | H    | W   | D   | E  | A                 | B   | C   | F   | G   | J            | K  | L  |
| <b>3- and 4-pole, switch-disconnectors</b> |      |     |     |    |                   |     |     |     |     |              |    |    |
| OT63E_4_                                   | 400  | 250 | 180 | 45 | 445               | 162 | -   | -   | -   | 27           | 11 | -  |
| OT125G_3_, 4_                              | 400  | 250 | 180 | 45 | 445               | 162 | -   | -   | -   | 27           | 11 | -  |
| OT160E_3_, 4_                              | 400  | 250 | 180 | 45 | 445               | 162 | -   | -   | -   | 27           | 11 | -  |
| OKL100-125N3/4_                            | 400  | 400 | 180 | 45 | 445               | 303 | -   | -   | -   | 35           | 11 | -  |
| OT200K_3_, 4_,<br>OKL160-315N3/4_          | 600  | 400 | 230 | 45 | 645               | 303 | -   | -   | -   | 35           | 11 | -  |
| OT250K_3_, 4_                              | 600  | 400 | 230 | 45 | 645               | 303 | -   | -   | -   | 35           | 11 | -  |
| OT315K_3_, 4_                              | 600  | 400 | 230 | 45 | 645               | 303 | -   | -   | -   | 35           | 11 | -  |
| OT400D_3_, 4_,<br>OKL400N3/4_              | 800  | 400 | 230 | 45 | 845               | 303 | -   | -   | -   | 35           | 11 | -  |
| OT630K_3_, 4_                              | 1000 | 400 | 230 | 45 | 1045              | 303 | -   | -   | -   | 35           | 11 | -  |
| OT800K_3_, 4_                              | 1000 | 400 | 230 | 45 | 1045              | 303 | -   | -   | -   | 35           | 11 | -  |
| OT800K_4_                                  | 1200 | 800 | 230 | 45 | 1045              | 303 | 512 | 612 | 712 | 35           | 11 | 27 |
| OT1000K_3_, 4_                             | 1200 | 800 | 230 | 45 | 1045              | 303 | 512 | 612 | 712 | 35           | 11 | 27 |
| OT1250K_3_, 4_                             | 1200 | 800 | 330 | 45 | 1045              | 303 | 512 | 612 | 712 | 35           | 11 | 27 |
| OT1600K_3_, 4_                             | 1200 | 800 | 330 | 45 | 1045              | 303 | 512 | 612 | 712 | 35           | 11 | 27 |
| <b>6-pole, switch-disconnectors</b>        |      |     |     |    |                   |     |     |     |     |              |    |    |
| OT125G_6_                                  | 400  | 400 | 230 | 45 | 445               | 303 | -   | -   | -   | 35           | 11 | -  |
| OT160E_6_,<br>OKL100-OKL315N6_             | 600  | 800 | 230 | 45 | 645               | 303 | -   | -   | -   | 35           | 11 | -  |
| OT200K_6_                                  | 600  | 800 | 230 | 45 | 645               | 303 | -   | -   | -   | 35           | 11 | -  |
| OT250K_6_                                  | 800  | 800 | 230 | 45 | 845               | 303 | -   | -   | -   | 35           | 11 | -  |
| OT315K_6_                                  | 800  | 800 | 230 | 45 | 845               | 303 | -   | -   | -   | 35           | 11 | -  |
| OT400D_6_,<br>OKL400N6_                    | 800  | 800 | 230 | 45 | 845               | 303 | -   | -   | -   | 35           | 11 | -  |
| OT630K_6_                                  | 1000 | 800 | 230 | 45 | 1045              | 303 | 512 | 612 | 712 | 35           | 11 | 27 |
| OT800K_6_                                  | 1000 | 800 | 230 | 45 | 1045              | 303 | 512 | 612 | 712 | 35           | 11 | 27 |

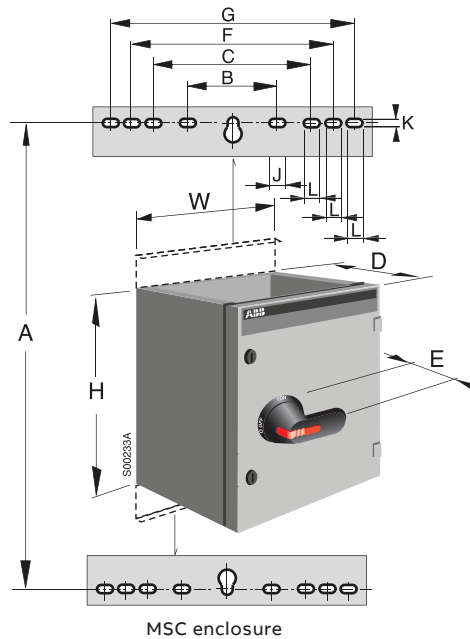
#### Front operated change-over switches

| Type          | Size |     |     |    | Fixing dimensions |     |     |     |     | Fixing holes |    |    |
|---------------|------|-----|-----|----|-------------------|-----|-----|-----|-----|--------------|----|----|
|               | H    | W   | D   | E  | A                 | B   | C   | F   | G   | J            | K  | L  |
| OT250K_3_, 4_ | 800  | 400 | 230 | 45 | 845               | 303 | -   | -   | -   | 35           | 11 | -  |
| OT250K_4_     | 800  | 400 | 330 | 45 | 845               | 303 | -   | -   | -   | 35           | 11 | 27 |
| OT315K_3_, 4_ | 800  | 400 | 330 | 45 | 845               | 303 | -   | -   | -   | 35           | 11 | 27 |
| OT400D_3_, 4_ | 800  | 400 | 330 | 45 | 845               | 303 | -   | -   | -   | 35           | 11 | 27 |
| OT630K_3_, 4_ | 1000 | 800 | 330 | 45 | 1045              | 303 | 512 | 612 | 712 | 35           | 11 | 27 |
| OT800K_3_, 4_ | 1000 | 800 | 330 | 45 | 1045              | 303 | 512 | 612 | 712 | 35           | 11 | 27 |

## Dimension drawings

### Steel sheet enclosed switch fuses

OS20...800



#### Front operated switch fuses

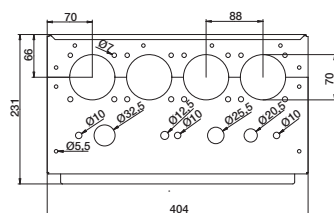
| Type<br>BS-type    | Size |     |     |    | Fixing dimensions |     |     |     |     | Fixing holes |    |    |
|--------------------|------|-----|-----|----|-------------------|-----|-----|-----|-----|--------------|----|----|
|                    | H    | W   | D   | E  | A                 | B   | C   | F   | G   | J            | K  | L  |
| 2-, 3-, and 4-pole |      |     |     |    |                   |     |     |     |     |              |    |    |
| OS20P_3_, 4_       | 400  | 250 | 180 | 45 | 445               | 162 | -   | -   | -   | 27           | 11 | -  |
| OS32G_2_, 3_, 4_   | 400  | 250 | 180 | 45 | 445               | 162 | -   | -   | -   | 27           | 11 | -  |
| OS63G_2_, 3_, 4_   | 400  | 250 | 180 | 45 | 445               | 162 | -   | -   | -   | 27           | 11 | -  |
| OS100G_2_, 3_, 4_  | 600  | 400 | 230 | 45 | 645               | 303 | -   | -   | -   | 35           | 11 | -  |
| OS125G_2_, 3_, 4_  | 600  | 400 | 230 | 45 | 645               | 303 | -   | -   | -   | 35           | 11 | -  |
| OS160G_2_, 3_, 4_  | 600  | 400 | 230 | 45 | 645               | 303 | -   | -   | -   | 35           | 11 | -  |
| OS200B_2_, 3_      | 600  | 400 | 330 | 45 | 645               | 303 | -   | -   | -   | 35           | 11 | -  |
| OS315B_2_, 3_, 4_  | 800  | 400 | 330 | 45 | 845               | 303 | -   | -   | -   | 35           | 11 | -  |
| OS400B_2_, 3_, 4_  | 800  | 400 | 330 | 45 | 845               | 303 | -   | -   | -   | 35           | 11 | -  |
| OS250D_3_          | 1000 | 400 | 330 | 45 | 1045              | 303 | -   | -   | -   | 35           | 11 | -  |
| OS400D_3_          | 1000 | 400 | 330 | 45 | 1045              | 303 | -   | -   | -   | 35           | 11 | -  |
| OS630B_2_          | 1000 | 400 | 330 | 45 | 1045              | 303 | -   | -   | -   | 35           | 11 | -  |
| OS630B_3_, 4_      | 1000 | 800 | 330 | 45 | 1045              | 303 | 512 | 612 | 712 | 35           | 11 | 27 |
| OS800B_2_          | 1000 | 400 | 330 | 45 | 1045              | 303 | -   | -   | -   | 35           | 11 | -  |
| OS800B_3_, 4_      | 1000 | 800 | 330 | 45 | 1045              | 303 | 512 | 612 | 712 | 35           | 11 | 27 |

| Type<br>DIN-type   | Size |     |     |    | Fixing dimensions |     |     |     |     | Fixing holes |    |    |
|--------------------|------|-----|-----|----|-------------------|-----|-----|-----|-----|--------------|----|----|
|                    | H    | W   | D   | E  | A                 | B   | C   | F   | G   | J            | K  | L  |
| 2-, 3-, and 4-pole |      |     |     |    |                   |     |     |     |     |              |    |    |
| OS200B_4_          | 800  | 400 | 330 | 45 | 845               | 303 | -   | -   | -   | 35           | 11 | -  |
| OS250D_3_          | 800  | 400 | 330 | 45 | 845               | 303 | -   | -   | -   | 35           | 11 | -  |
| OS250D_4_          | 800  | 400 | 230 | 45 | 845               | 303 | -   | -   | -   | 35           | 11 | -  |
| OS400D_3_, 4_      | 800  | 400 | 330 | 45 | 845               | 303 | -   | -   | -   | 35           | 11 | -  |
| OS630D_3_, 4_      | 1000 | 800 | 330 | 45 | 1045              | 303 | 512 | 612 | 712 | 35           | 11 | 27 |
| OS800D_3_          | 1000 | 800 | 330 | 45 | 1045              | 303 | 512 | 612 | 712 | 35           | 11 | 27 |
| OS800D_4_          | 1200 | 800 | 330 | 45 | 1045              | 303 | 512 | 612 | 712 | 35           | 11 | 27 |

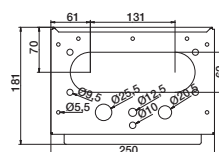
## Dimension drawings

### Steel sheet enclosed safety switches

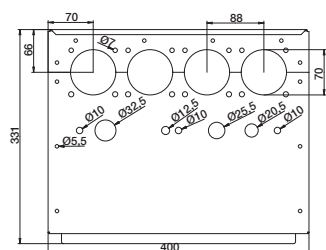
OT125...1600, OT160...800\_C and OS20...800\_, cable entries



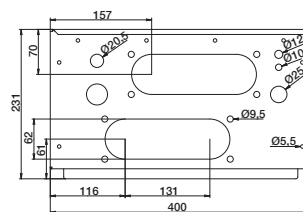
OEZXPE24R



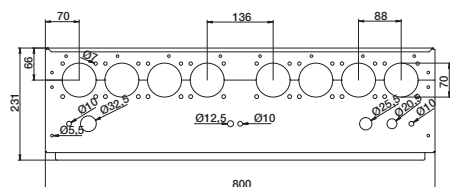
OEZXP120C



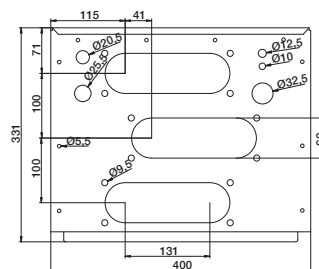
OEZXPE34R



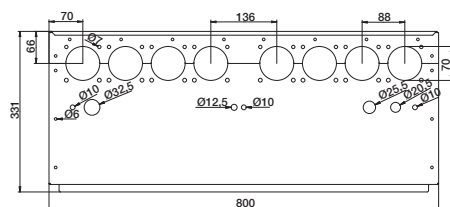
OEZXP240C



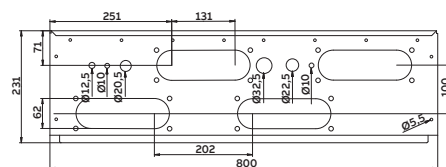
OEZXPE28R



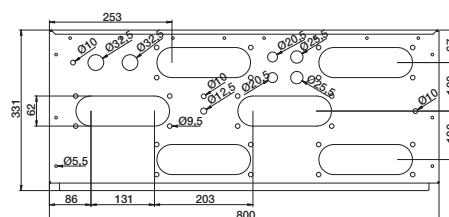
OEZXP340C



OEZXPE38R



OEZXP280C



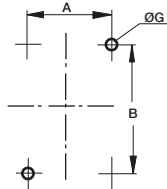
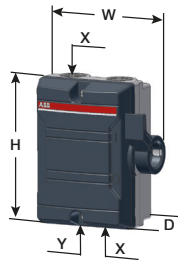
OEZXP380C



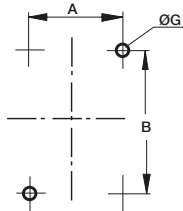
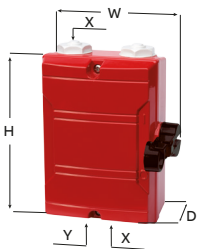
## Dimension drawings

### Aluminum enclosed switch-disconnectors

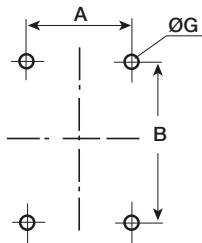
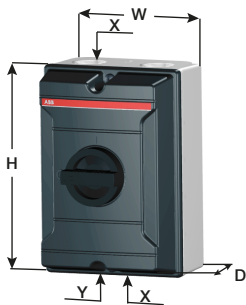
KSE225...440



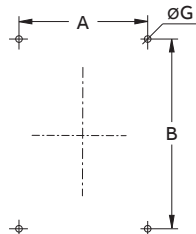
KSF325...440



KSE263...4100



OKA16...63



#### Side operated switch-disconnectors

| Type                                                 | Size |     |    | Cable entry |       | Fixing dimensions |     |   |
|------------------------------------------------------|------|-----|----|-------------|-------|-------------------|-----|---|
|                                                      | H    | W   | D  | X           | Y     | A                 | B   | C |
| <b>2 pole-Aluminum enclosed switch-disconnectors</b> |      |     |    |             |       |                   |     |   |
| KSE225DP                                             | 130  | 111 | 60 | 2xM25       | -     | 64                | 90  | 5 |
| KSE240DP                                             | 168  | 138 | 68 | 2xM25       | 1xM16 | 90                | 127 | 5 |
| <b>3 pole-Aluminum enclosed switch-disconnectors</b> |      |     |    |             |       |                   |     |   |
| KSE325TPN                                            | 130  | 111 | 60 | 2xM25       | -     | 64                | 90  | 5 |
| KSE340TPN                                            | 168  | 138 | 68 | 2xM32       | 1xM16 | 90                | 127 | 5 |
| <b>4 pole-Aluminum enclosed switch-disconnectors</b> |      |     |    |             |       |                   |     |   |
| KSE425TPSN                                           | 130  | 111 | 60 | 2xM25       | -     | 64                | 90  | 5 |
| KSE440TPSN                                           | 168  | 138 | 68 | 2xM32       | 1xM16 | 90                | 127 | 5 |

#### Fireman's switches

| Type                                                    | Size |     |    | Cable entry |       | Fixing dimensions |     |   |
|---------------------------------------------------------|------|-----|----|-------------|-------|-------------------|-----|---|
|                                                         | H    | W   | D  | X           | Y     | A                 | B   | C |
| <b>2 pole-Fireman switch, side operated in Aluminum</b> |      |     |    |             |       |                   |     |   |
| KSF225DP                                                | 168  | 138 | 68 | 2xM25       | -     | 64                | 90  | 5 |
| <b>3 pole-Fireman switch, side operated in Aluminum</b> |      |     |    |             |       |                   |     |   |
| KSF325TPN                                               | 130  | 111 | 60 | 2xM25       | -     | 64                | 90  | 5 |
| KSF325TPNNO                                             | 130  | 111 | 60 | 2xM25       | -     | 64                | 90  | 5 |
| KSF340TPN                                               | 168  | 138 | 68 | 2xM32       | 1xM16 | 90                | 127 | 5 |
| <b>4 pole-Fireman switch, side operated in Aluminum</b> |      |     |    |             |       |                   |     |   |
| KSF425TPSN                                              | 130  | 111 | 60 | 2xM25       | -     | 64                | 90  | 5 |
| KSF440TPSN                                              | 168  | 138 | 68 | 2xM32       | 1xM16 | 90                | 127 | 5 |

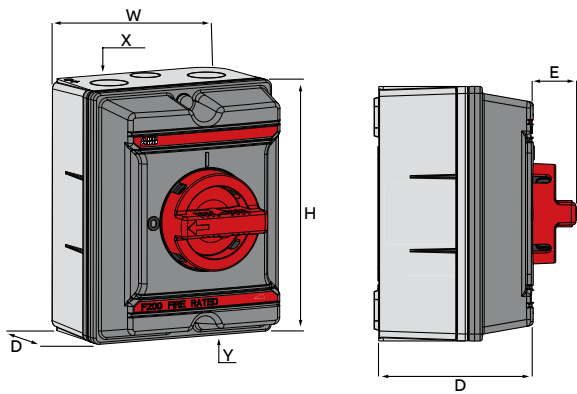
#### Front operated switch-disconnectors

| Type                                                                   | Size |     |     | Cable entry      |                  | Fixing dimensions |     |     |
|------------------------------------------------------------------------|------|-----|-----|------------------|------------------|-------------------|-----|-----|
|                                                                        | H    | W   | D   | X                | Y                | A                 | B   | C   |
| <b>3 pole-Enclosed switch-disconnector, front operated in Aluminum</b> |      |     |     |                  |                  |                   |     |     |
| KSE363 - 3125                                                          | 230  | 160 | 145 | 2xM40            | 1xM16            | 124               | 190 | 53  |
| <b>4 pole-Enclosed switch-disconnector, front operated in Aluminum</b> |      |     |     |                  |                  |                   |     |     |
| KSE463 - 480                                                           | 230  | 160 | 145 | 2xM40            | 1xM16            | 124               | 190 | 53  |
| <b>3 pole-Enclosed switch-disconnector, front operated in Aluminum</b> |      |     |     |                  |                  |                   |     |     |
| OKA16 - 63                                                             | 165  | 130 | 103 | 2xM25 +<br>1xM20 | 2xM25 +<br>1xM20 | 95                | 125 | 6,5 |

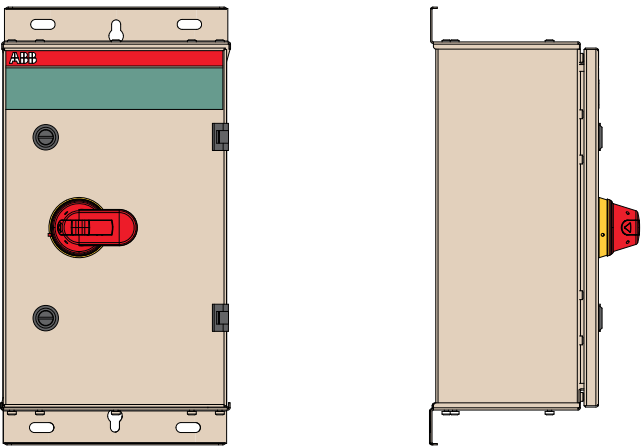
Dimension drawings

Fire rated enclosed switch-disconnectors

OKA20-OKA80

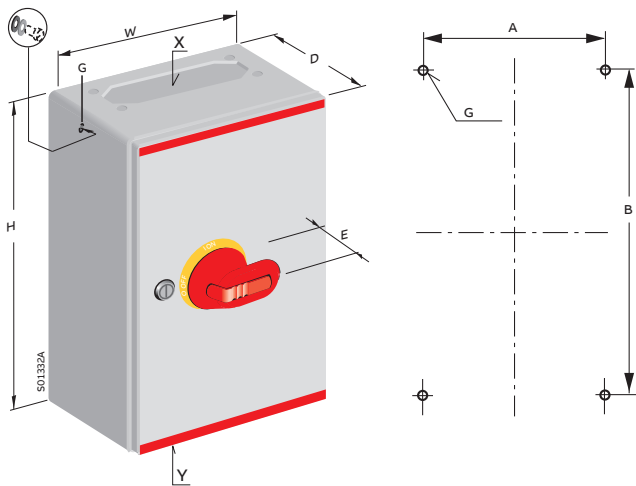


OKL125-OKL720



| H   | W   | D   | E  | X             | Y            |
|-----|-----|-----|----|---------------|--------------|
| 165 | 130 | 131 | 28 | 2XM25 + 1XM20 | 2XM25 + 1M20 |
| 230 | 160 | 145 | 28 | 2XM40         | 2XM40+M16    |

For measurements, see page 194.

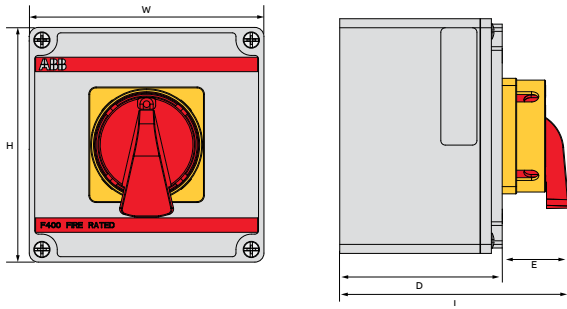


| Type          | Size |     |     |    | Cable entry |       | Fixing dimensions |     |     |
|---------------|------|-----|-----|----|-------------|-------|-------------------|-----|-----|
|               | H    | W   | D   | E  | X           | Y     | A                 | B   | G   |
| <b>3 pole</b> |      |     |     |    |             |       |                   |     |     |
| OKL63N3YF2    | 300  | 200 | 135 | 45 | Blank       | Blank | 130               | 230 | 6,5 |
| OKL100N3YF2   | 300  | 200 | 135 | 45 | Blank       | Blank | 130               | 230 | 6,5 |
| <b>4 pole</b> |      |     |     |    |             |       |                   |     |     |
| OKL63N4YF2    | 300  | 200 | 135 | 45 | Blank       | Blank | 130               | 230 | 6,5 |
| OKL100N4YF2   | 300  | 200 | 135 | 45 | Blank       | Blank | 130               | 230 | 6,5 |

## Dimension drawings

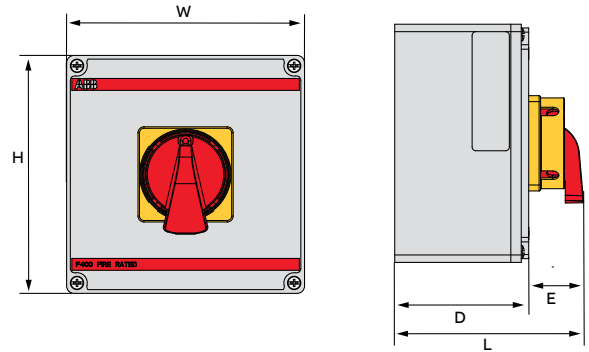
### Fire rated enclosed switch-disconnectors

OKA25\_F4\_



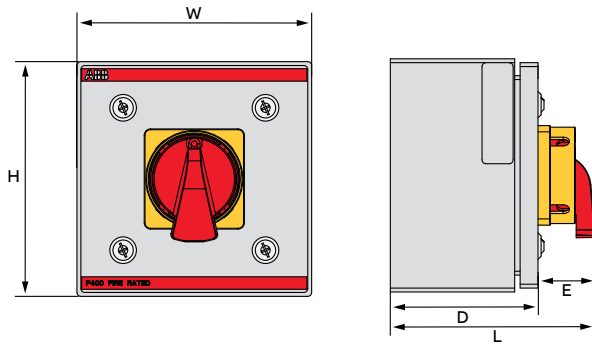
| H   | W   | D  | L   | E  |
|-----|-----|----|-----|----|
| 130 | 130 | 90 | 127 | 37 |

OKA40\_F4\_



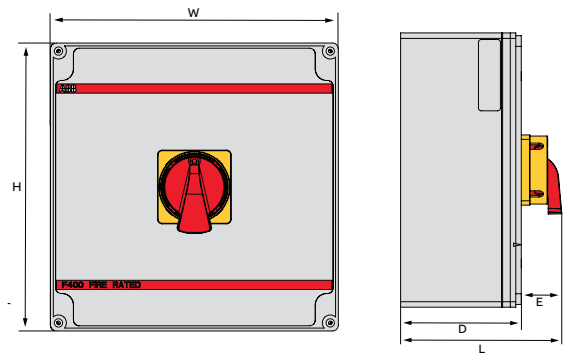
| H   | W   | D  | L   | E  |
|-----|-----|----|-----|----|
| 160 | 160 | 90 | 127 | 37 |

OKL25-40\_6YF41



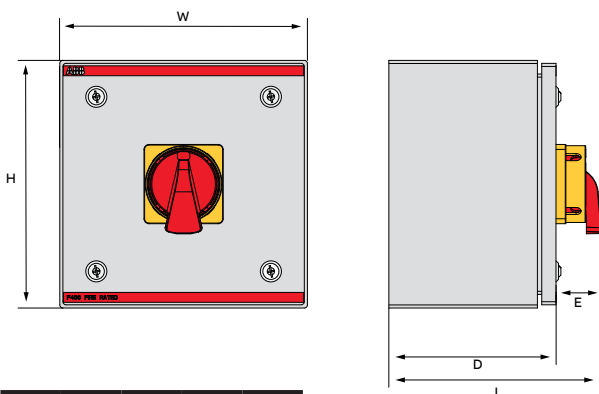
| H   | W   | D  | L   | E  |
|-----|-----|----|-----|----|
| 150 | 150 | 96 | 132 | 36 |

OKA63-125YF4\_



| H   | W   | D   | L   | E  |
|-----|-----|-----|-----|----|
| 250 | 250 | 110 | 147 | 37 |

OKL63-125\_6Y41



| H   | W   | D   | L   | E  |
|-----|-----|-----|-----|----|
| 200 | 200 | 135 | 171 | 36 |

**Additional information**

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