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Worldwide English



Powering Business Worldwide

M22-PV60P - Emergency stop/emergency switching off pushbutton, RMQ-Titan, Palm-tree shape, 60 mm, Non-illuminated, Pull-to-release function, Red, yellow



152864 M22-PV60P

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152864 M22-PV60P

Emergency stop/emergency switching off pushbutton, RMQ-Titan, Palm-tree shape, 60 mm, Non-illuminated, Pull-to-release function, Red, yellow

Alternate Catalog Nb.

M22-PV60PQ

EL-Nummer (Norway)

4315268

Emergency stop/emergency switching off pushbutton, Product range: RMQ-Titan, Single unit, Design: Palm-tree shape, Diameter: 60 mm, Illumination: Non-illuminated, Pull-to-release function, Description: Tamper-proof according to ISO 13850/EN 418, Colour Mushroom head: Red, Colour Base: yellow, Degree of Protection: IP66, IP69K, Connection to SmartWire-DT: no, Instructions: Max. number of contacts: four M22-(C)K01, ...10 or two M22-(C)K02, ...20, ...11, Standards: IEC/EN 60947, VDE 0660

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Delivery program

Product range

RMQ-Titan

Basic function

Controlled stop pushbuttons/emergency-stop buttons

Mounting hole diameter [□]

22.5 mm

Single unit/Complete unit

Single unit

Design

Palm-tree shape

Diameter [□]

60 mm

Illumination

Non-illuminated

Pull-to-release function

Description

Tamper-proof according to ISO 13850/EN 418

Colour

Mushroom head

Red



Base
yellow
Degree of Protection
IP66, IP69
Connection to SmartWire-DT
no

Instructions

Max. number of contacts: four M22-(C)K01, ...10 or two M22-(C)K02, ...20, ...11

Technical data

General
Standards
IEC/EN 60947
VDE 0660
Lifespan, mechanical [Operations]
 $> 0.1 \times 10^6$
Operating frequency [Operations/h]
☐ 600
Actuating force
☐ 50 N
Climatic proofing
Damp heat, constant, to IEC 60068-2-78
Damp heat, cyclic, to IEC 60068-2-30
Degree of Protection
IP66, IP69
Ambient temperature Open
-25 - +70 °C
Mounting position
As required
Mechanical shock resistance
50
Shock duration 11 ms
Sinusoidal
according to IEC 60068-2-27 g
shipping classification
DNV
GL
LR



Design verification as per IEC/EN 61439

Technical data for design verification
Rated operational current for specified heat dissipation [I_r]
0 A
Heat dissipation per pole, current-dependent [P_{rd}]
0 W
Equipment heat dissipation, current-dependent [P_{rd}]
0 W
Static heat dissipation, non-current-dependent [P_{rs}]
0 W
Heat dissipation capacity [P_{diss}]
0 W
Operating ambient temperature min.
-25 °C
Operating ambient temperature max.
+70 °C
IEC/EN 61439 design verification
10.2 Strength of materials and parts 10.2.2 Corrosion resistance

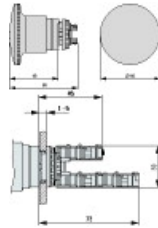
Meets the product standard's requirements.
 10.2 Strength of materials and parts 10.2.3.1 Verification of thermal stability of enclosures
 Meets the product standard's requirements.
 10.2 Strength of materials and parts 10.2.3.2 Verification of resistance of insulating materials to normal heat
 Meets the product standard's requirements.
 10.2 Strength of materials and parts 10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects
 Meets the product standard's requirements.
 10.2 Strength of materials and parts 10.2.4 Resistance to ultra-violet (UV) radiation
 Please enquire
 10.2 Strength of materials and parts 10.2.5 Lifting
 Does not apply, since the entire switchgear needs to be evaluated.
 10.2 Strength of materials and parts 10.2.6 Mechanical impact
 Does not apply, since the entire switchgear needs to be evaluated.
 10.2 Strength of materials and parts 10.2.7 Inscriptions
 Meets the product standard's requirements.
 10.3 Degree of protection of ASSEMBLIES
 Does not apply, since the entire switchgear needs to be evaluated.
 10.4 Clearances and creepage distances
 Meets the product standard's requirements.
 10.5 Protection against electric shock
 Does not apply, since the entire switchgear needs to be evaluated.
 10.6 Incorporation of switching devices and components
 Does not apply, since the entire switchgear needs to be evaluated.
 10.7 Internal electrical circuits and connections
 Is the panel builder's responsibility.
 10.8 Connections for external conductors
 Is the panel builder's responsibility.
 10.9 Insulation properties 10.9.2 Power-frequency electric strength
 Is the panel builder's responsibility.
 10.9 Insulation properties 10.9.3 Impulse withstand voltage
 Is the panel builder's responsibility.
 10.9 Insulation properties 10.9.4 Testing of enclosures made of insulating material
 Is the panel builder's responsibility.
 10.10 Temperature rise
 Not applicable.
 10.11 Short-circuit rating
 Is the panel builder's responsibility. The specifications for the switchgear must be observed.
 10.12 Electromagnetic compatibility
 Is the panel builder's responsibility. The specifications for the switchgear must be observed.
 10.13 Mechanical function
 The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

Technical data ETIM 7.0

Low-voltage industrial components (EG000017) / Front element for mushroom push-button (EC001038)
 Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Front element for mushroom push-button actuators (ec1@ss10.0.1-27-37-12-12 [AKF030014])
 Colour button
 Red
 Construction type lens
 Round
 Diameter cap
 60 mm
 Hole diameter
 22.5 mm
 Width opening
 0 mm
 Height opening
 0 mm
 Degree of protection (IP)
 Other
 Degree of protection (NEMA)
 4X
 Type of button
 High
 Suitable for illumination
 No
 Switching function latching

Yes
Spring-return
No
With front ring
No
Material front ring
Plastic
Colour front ring
Black
Suitable for emergency stop
Yes
Unlocking method
Pull-release

Dimensions



CAD data

- [Product-specific CAD data](#)
(Web)
- [3D Preview](#)
(Web)

DWG files

- [DA-CD-not_60_schaltanzeige](#)
File
(Web)

edz files

- [DA-CE-ETN.M22-PV60P](#)
File
(Web)

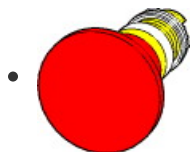
Step files

- [DA-CS-not_60_schaltanzeige](#)
File
(Web)

Additional product information

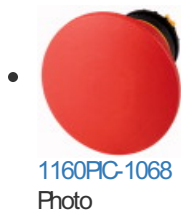
- [DGLV Test Mark Customer Information](#)
(PDF)

3D drawing

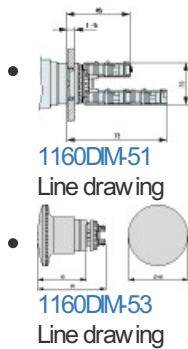


1160DRW-439
Line drawing

Product photo



Dimensions single product



Symbol



Instruction Leaflet

- RMQ-Titan System(IL04716002Z)
Asset
former AWA1160-1745, IL04716001E
(PDF, 09/2020, multilingual)
- RMQ-Titan: Emergency-Stop buttons, Emergency-Switching-Off buttons (IL04716005Z)
Asset
IL04716005Z RMQ-Titan: Emergency-Stop buttons, Emergency-Switching-Off buttons
(PDF, 05/2021, multilingual)

StandardsSymbol



Declaration of Conformity

EU

- [DA-DC-dguv_test_zeichen_infoblatt_kunden](#)
Asset
(PDF)

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