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M22-PVS45P-MS1 - Emergency stop/emergency switching off pushbutton, RMQ-Titan, Palm-tree shape, 45 mm, Non-illuminated, Key-release, MS1, Red, yellow, RAL 3000, Not suitable for master key systems



121468 M22-PVS45P-MS1

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121468 M22-PVS45P-MS1

Emergency stop/emergency switching off pushbutton, RMQ-Titan, Palm-tree shape, 45 mm, Non-illuminated, Key-release, MS1, Red, yellow, RAL 3000, Not suitable for master key systems

Alternate Catalog No.

M22-PVS45P-MS1Q

Emergency stop/emergency switching off pushbutton, Product range: RMQ-Titan, Single unit, Design: Palm-tree shape, Diameter: 45 mm, Illumination: Non-illuminated, Key-release, Description: Tamper-proof according to ISO 13850/EN 418, Lock mechanism: MS1, Colour Mushroom head: Red, Colour Base: yellow, RAL 3000, Degree of Protection: IP66, IP67, IP69K, Connection to SmartWire-DT: no, Instructions: Max. number of contacts: four M22-(C)K01, ...10 or two M22-(C)K02, ...20, ...11, Information about equipment supplied: 1 key included as standard, 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 [□]

45 mm

Illumination

Non-illuminated

Key-release

Description

Tamper-proof according to ISO 13850/EN 418

Not suitable for master key systems

Lock mechanism

MS1

Colour

Mushroom head

Red



Base
yellow
RAL 3000
Degree of Protection
IP66, IP67, IP69
Connection to SmartWire-DT
no

Instructions

Max. number of contacts: four M22-(C)K01, ...10 or two M22-(C)K02, ...20, ...11
Information about equipment supplied
1 key included as standard

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, IP67, 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_n]
0 A
Heat dissipation per pole, current-dependent [P_{vd}]
0 W
Equipment heat dissipation, current-dependent [P_{vd}]
0 W
Static heat dissipation, non-current-dependent [P_{vs}]
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 (EQ001038)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Front element for mushroom push-button actuators (ecl@ss 10.0.1-27-37-12-12 [AKF030014])

Colour button

Red

Construction type lens

Round

Diameter cap

45 mm

Hole diameter

22.5 mm

Width opening

0 mm

Height opening

0 mm

Degree of protection (IP)

IP67/IP69K

Degree of protection (NEMA)

4X

Type of button

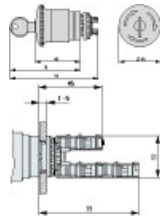
Flat

Suitable for illumination
No
Switching function latching
Yes
Spring-return
No
With front ring
No
Material front ring
Other
Colour front ring
Other
Suitable for emergency stop
Yes
Unlocking method
Key-release

Approvals

North America Certification
Request filed for UL and CSA

Dimensions



CAD data

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

DWG files

- [DA-CD-not_aus_45_ms](#)
File
(Web)

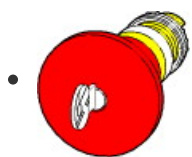
Step files

- [DA-CS-not_aus_45_ms](#)
File
(Web)

Additional product information

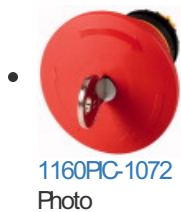
- [DGLV Test Mark Customer Information](#)
(PDF)

3D drawing

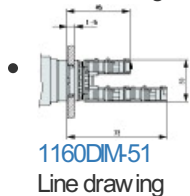
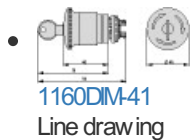


[1160DRW-262](#)
Line drawing

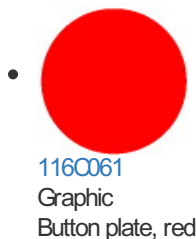
Product photo



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

- [Emergency-stop operating devices RMQ Titan & accessories M22-..., M30-... \(DA-DC-00003622\)](#)
Asset
(PDF)
- [DA-DC-dguv_test_zeichen_infoblatt_kunden](#)
Asset
(PDF)

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