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M22-PVT - Emergency stop/emergency switching off pushbutton, RMQ-Titan, Mushroom-shaped, 38 mm, Non-illuminated, Turn-to-release function, Red, yellow, RAL 3000



263467 M22-PVT

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263467 M22-PVT

Emergency stop/emergency switching off pushbutton, RMQ-Titan, Mushroom-shaped, 38 mm, Non-illuminated, Turn-to-release function, Red, yellow, RAL 3000

Alternate Catalog No. M22-PVTQ
EL-Nummer (Norway) 4355405

Emergency stop/emergency switching off pushbutton, Product range: RMQ-Titan, Single unit, Design: Mushroom-shaped, Diameter: 38 mm, Illumination: Non-illuminated, Turn-to-release function, Description: Tamper-proof according to ISO 13850/EN 418, Colour Mushroom head: Red, Colour Base: yellow, RAL 3000, Degree of Protection: IP66, IP67, IP69K, Connection to SmartWire-DT: no, Front dimensions: 35, Instructions: Max. number of contacts: four M22-(C)K01, ...10 or two M22-(C)K02, ...20, ...11, Standards: IEC/EN 60947, VDE 0660

- Delivery program
- Technical data
- Design verification as per IEC/EN 61439
- Technical data ETIM 7.0
- Approvals
- Dimensions

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
Mushroom-shaped
Diameter [□]
38 mm
Illumination
Non-illuminated
Turn-to-release function
Description
Tamper-proof according to ISO 13850/EN 418
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

Technical data

General

Standards

IEC/EN 60947

VDE 0660

Lifespan, mechanical [Operations]

> 0.1 x 10⁶

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 temperatureOpen

-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_{vid}]

0 W

Equipment heat dissipation, current-dependent [P_{vid}]

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 (EC001038)
Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Front element for mushroom push-button actuators (ecl@ss10.0.1-27-37-12-12 [AKF030014])

Colour button

Red

Construction type lens

Round

Diameter cap

38 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
Plastic
Colour front ring
Chrome
Suitable for emergency stop
Yes
Unlocking method
Turn-release

Approvals

Product Standards
IEC/EN 60947-5; UL 508; CSA-C22.2 No. 14-05; CSA-C22.2 No. 94-91; CE marking
UL File No.
E29184
UL Category Control No.
NKCR
CSA File No.
012528
CSA Class No.
3211-03
North America Certification
UL listed, CSA certified
Degree of Protection
UL/CSA Type 3R, 4X, 12, 13

Dimensions



CAD data

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

DWG files

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

edz files

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

Step files

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

Additional product information

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

3D drawing

- [1160DRW-255](#)
Line drawing
- [116J003](#)
Line drawing
Emergency-Stop actuators

Product photo




1160PIC-698
Photo

Dimensions single product

- □ 1160DIM-4
Line drawing
Emergency-Stop actuators
- □ 116X117
Line drawing
Emergency-Stop actuators

Symbol

- 
Germanischer Lloyd
0000SFC-180
Graphic
Germanischer Lloyd approval for Germany (color logo)

- 
0000SFC-183
Logo
Approval Norway Det Norske Veritas DNV

- □ 000Z016
Graphic
Certification: Swiss Accident Insurance Institute

- 
1160SFC-79
Graphic
Button plate red, red arrows

- □ 116C061
Graphic
Button plate, red

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



0000SPC-179

Graphic

Lloyd's Register approval for Great Britain

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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