

Select your language

- German
- English
- Spanish
- French
- Dutch
- Italian
- Polish
- Czech
- Russian
- Norwegian Bokmål

Worldwide English



M22-PV30 - Emergency stop/emergency switching off pushbutton, RMQ-Titan, Mushroom-shaped, 30 mm, Non-illuminated, Pull-to-release function, Red, yellow



197535 M22-PV30

[Overview](#) [Specifications](#) [Resources](#)



197535 M22-PV30

Emergency stop/emergency switching off pushbutton, RMQ-Titan, Mushroom-shaped, 30 mm, Non-illuminated, Pull-to-release function, Red, yellow

EL-Nummer (Norway)

4300446

Emergency stop/emergency switching off pushbutton, Product range: RMQ-Titan, Single unit, Design: Mushroom-shaped, Diameter: 30 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: IP65, IP66, IP69, 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: EN 50581:2012, EN 60947-5-1:2017, EN 60947-5-5:1997 + A1:2005 + A11:2013 + A2:2017, EN ISO 13850:2015, 2006/42/EC Machinery Directive



• [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 [□]

30 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

IP65, IP66, IP69

Connection to SmartWire-DT

no

Actuator travel and actuation force as per DIN EN 60947-5-1, K.5.4.1

Minimum force for positive opening [N]

0

Instructions

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

Technical data

General

Standards

EN 50581:2012

EN 60947-5-1:2017

EN 60947-5-5:1997 + A1:2005 + A11:2013 + A2:2017

EN ISO 13850:2015

2006/42/EC Machinery Directive

certificate

CE, EAC UL, CSA, CCC

Lifespan, mechanical [Operations]

70000

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

IP65, IP66, 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

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_{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.

Technical data ETIM 7.0

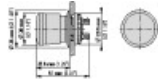
Low-voltage industrial components (EG000017) / Front element for mushroom push-button (E0001038)
 Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Front element for mushroom push-button actuators (ecl@ss10.0.1-27-37-12-12 [AKF030014])
 Colour button
 Red
 Construction type lens
 Round
 Diameter cap
 30 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
Other
Colour front ring
Other
Suitable for emergency stop
Yes
Unlocking method
Full-release

Approvals

Product Standards
IEC/EN 60947-5; UL 508; CSA-C22.2 No. 14-05; CSA-C22.2 No. 94-91; CE marking
North America Certification
Request filed for UL, CSA certified

Dimensions



CAD data

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

DWG files

- [DA-CD-m22_pv30](#)
File
(Web)

edz files

- [DA-CE-ETN.M22-PV30](#)
File
(Web)

Step files

- [DA-CS-m22_pv30](#)
File
(Web)

Additional product information

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

Product photo



[M22-FV30_CTP](#)
Photo



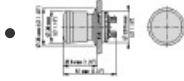
[M22-FV30_LTP](#)
Photo

Symbol



1160061
Graphic
Button plate, red

Dimensions single product



1160DIM-209
Line drawing

Instruction Leaflet

- [Emergency-Switching-Off/Emergency-Stop \(IL047025ZU\)](#)
Asset
(PDF, 05/2021, multilingual)

Declaration of Conformity

EU

- [E-stop operating devices RMQ Titan & acc. M22/M30\(S\)-PV\(LT\)30...](#) (DA-DC-00003323)
Asset
(PDF)
- [Emergency-stop operating devices RMQ Titan & accessories M22-..., M30-...](#) (DA-DC-00003622)
Asset
(PDF)
- [DA-DC-dguv_test_zeichen_infoblatt_kunden](#)
Asset
(PDF)

Download-Center

- [Download-Center \(this item\)](#)
Eaton EMEA Download-Center - download data for this item
- [Download-Center](#)
Eaton EMEA Download-Center

 [Generate data sheet in PDF format](#)

 [Generate data sheet in Excel format](#)

 [Write a comment](#)

[Imprint](#) [Privacy Policy](#) [Legal Disclaimer](#) [Terms and Conditions](#)

© 2021 by Eaton Industries GmbH