Specifications

Eaton 216877



Catalog Number: 216877

Eaton Moeller® series M22 Emergency stop/emergency switching off pushbutton, RMQ-Titan, Mushroom-shaped, 38 mm, Non-illuminated, Pull-to-release function, Red, yellow, RAL 3000, big pack

General specifications

Product Name Eaton Moeller® series M22 Emergency stop/emergency switching off pushbutton	**Catalog Number** 216877
	EAN 4015082168773
Product Length/Depth 70 mm	**Product Height** 30 mm
Product Width 30 mm	**Product Weight** 0.042 kg
Compliances CE	

Powering Business Worldwide

Features & Functions

Bezel color

Other

Base color

Yellow

Bezel material

Other

Color

Red

Design

Mushroom-shaped

Features

Tamper-proof (according to ISO 13850, EN 418)

Illumination

Non-illuminated

RAL-number

3000

Unlocking method

Pull-release

General

Degree of protection

IP66

NEMA 4X, 13

Lifespan, mechanical

100,000 Operations

Opening diameter

22.5 mm

Operating frequency

600 Operations/h

Product category

RMQ-Titan

Suitable for

Emergency stop

Type

Controlled stop pushbutton/emergency-stop button

Ambient conditions, mechanical

Mounting position

As required

Shock resistance

50 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms

Climatic environmental conditions

Ambient operating temperature - min

-25 °C

Ambient operating temperature - max

70 °C

Climatic proofing

Damp heat, constant, to IEC 60068-2-78

Damp heat, cyclic, to IEC 60068-2-30

Communication

Connection to SmartWire-DT

No

Actuator

Actuating force

50 N

Actuator color

Red

Actuator diameter

38 mm

Actuator function

Switching function latching

Pull-to-release

Contacts

Force for positive opening - min

0 N

Design verification

Equipment heat dissipation, current-dependent Pvid

0 W

Heat dissipation capacity Pdiss

0 W

Heat dissipation per pole, current-dependent Pvid

0 W

Rated operational current for specified heat dissipation (In)

0 A

10.2.2 Corrosion resistance

Meets the product standard's requirements.

10.2.3.1 Verification of thermal stability of enclosures

Meets the product standard's requirements.

10.2.3.2 Verification of resistance of insulating materials to normal heat

Meets the product standard's requirements.

10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects

Meets the product standard's requirements.

10.2.4 Resistance to ultra-violet (UV) radiation

Please enquire

10.2.5 Lifting

Does not apply, since the entire switchgear needs to be evaluated.

10.2.6 Mechanical impact

Does not apply, since the entire switchgear needs to be evaluated.

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

Resources

Catalogs

eaton-rmq-titan-brochure-br047004en-en-us.pdf

eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf

Flip catalog - Product Range Catalog - Command and indication

Certification reports

000Z425

Declarations of conformity

DA-DC-00004971.pdf

DA-DC-00004180.pdf

DA-DC-00004975.pdf

DA-DC-00004141.pdf

Drawings

eaton-operating-emergency-m22-dimensions-002.eps

eaton-operating-emergency-m22-dimensions.eps

eaton-general-m22-symbol.eps

eaton-general-m22-standards.eps

eaton-operating-button-symbol-006.eps

eaton-general-approval-m22-symbol.eps

eaton-operating-emergency-m22-3d-drawing-003.eps

eCAD model

ETN.216877.edz

Installation instructions

IL04716005Z.pdf

IL04716002Z

Installation videos

RMQ Flat Design

mCAD model

DA-CS-not_aus

DA-CD-not_aus

Multimedia

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.

10.9.2 Power-frequency electric strength

Is the panel builder's responsibility.

10.9.3 Impulse withstand voltage

Is the panel builder's responsibility.

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.

MCI Multicolor Light Indicator M22 with SmartWire-DT

MCI MultiColor Light Indicator RMQ compact solution

RMQ small E-Stop emergency-stop button

easyE4 SmartWire-DT module with Remote Touch Display and RMQ multi color indicator

Sales notes

eaton-rmq-small-e-stop-flyer-fl047006en-en-us.pdf

eaton-rmq-flat-enclosure-flyer-fl047003en-en-us.pdf

eaton-rmq-mci-multi-color-light-indicator-flyer-fl047005en-en-us.pdf

eaton-control circuit-devices rmq-titan-fl144090en-en-us.pdf

System overview

Pilot devices - selection aid

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