Specifications

Eaton 110938

Catalog Number: 110938

Eaton Moeller® series M22 Emergency stop/emergency switching off pushbutton, RMQ-Titan, 1 NC, Blister pack for hanging



General specifications

Product Name
Eaton Moeller® series M22 Emergency stop/emergency switching off pushbutton

Catalog Number
110938

EAN
4015081104673

Product Length/Depth
50 mm

Product Height
80 mm

Product Width
50 mm

Product Weight
0.058 kg

Certifications
DNV
GL
LR

Powering Business Worldwide

Features & Functions

Unlocking method

Pull-release

General

Degree of protection

IP66

NEMA 4X, 13

Mounting method

Built-in

Opening diameter

22.5 mm

Operating frequency

3600 Operations/h

Overvoltage category

III

Pollution degree

3

Product category

RMQ-Titan

Ambient conditions, mechanical

Mounting position

As required

Climatic environmental conditions

Ambient operating temperature - min

-25 °C

Ambient operating temperature - max

70 °C

Climatic proofing

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

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

Short-circuit rating

Rated conditional short-circuit current (Iq)

1 kA

Communication

Connection to SmartWire-DT

No

Actuator

Actuating force

5 N

Actuator color

Red

Contacts

Number of contacts (normally closed contacts)

1

Number of contacts (normally open contacts)

0

Actuator diameter

38 mm

Design verification

Equipment heat dissipation, current-dependent Pvid

0 W

Heat dissipation capacity Pdiss

0 W

Heat dissipation per pole, current-dependent Pvid

0.11 W

Rated operational current for specified heat dissipation (In)

6 A

Static heat dissipation, non-current-dependent Pvs

0 W

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

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

The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.

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.

Resources

Catalogs

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

Flip catalog - Product Range Catalog - Command and indication

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

Declarations of conformity

DA-DC-00004971.pdf

DA-DC-00004141.pdf

DA-DC-00004975.pdf

DA-DC-00004180.pdf

Drawings

eaton-general-m22-symbol.eps

eaton-general-m22-standards.eps

eaton-general-approval-m22-symbol.eps

eCAD model

DA-CE-ETN.M22-PV-K01-BVP

Installation instructions

IL04716005Z.pdf

IL04716002Z

Installation videos

RMQ Flat Design

mCAD model

DA-CS-bg_pv_001

DA-CD-bg_pv_001

Multimedia

RMQ small E-Stop emergency-stop button

MCI Multicolor Light Indicator M22 with SmartWire-DT

MCI MultiColor Light Indicator RMQ compact solution

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

Eaton Corporation plc
Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

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