Specifications

Eaton 188102

Catalog Number: 188102

Eaton Moeller® series M30 Pushbutton, RMQ-Titan, flat, maintained, red, inscribed, Front ring stainless steel



General specifications

Product Name
Eaton Moeller® series M30 Pushbutton

Catalog Number
188102

EAN
4015081857807

Product Length/Depth
36 mm

Product Height
30 mm

Product Width
46 mm

Product Weight
0.041 kg

Certifications
IEC/EN 60947
VDE 0660
CSA File No.: 012528
CSA Class No.: 3211-03
DNV
UL File No.: E29184
GL
IEC/EN 60947-5
UL 508
CSA-C22.2 No. 14-05 and 94-M91
CE marking
UL Category Control No.: NKCR
UL Listed
CSA certified

Powering Business Worldwide

Features & Functions

Bezel color

Stainless steel

Bezel material

Metal

Design

Flat

Flat front

Features

Labelled

Fitted with:

Front ring

Functions

Stay-put/spring-return function can be changed on device

Inscription

Inscribed

General

Degree of protection

IP66

IP69

IP67

Degree of protection (front side)

IP67

NEMA 4X, 13

Lifespan, mechanical

1,000,000 Operations (AC operated)

Opening diameter

30.5 mm

Operating frequency

1800 Operations/h

Product category

RMQ-Titan

Size

Front dimensions: Ø 36 x 3 mm

Type

Pushbutton actuator

Ambient conditions, mechanical

Mounting position

As required

Shock resistance

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

Mechanical, According to IEC/EN 60068-2-27

Climatic environmental conditions

Ambient operating temperature - min

-25 °C

Ambient operating temperature - max

70 °C

Ambient storage temperature - min

40 °C

Ambient storage temperature - max

80 °C

Climatic proofing

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

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

Communication

Connection to SmartWire-DT

Actuator

Actuating force

Yes

With SWD-RMQ connections

5 N

Actuator color

Red

Actuator function

Switching function latching

Maintained

Contacts

Force for positive opening - min

0 N

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

Declarations of conformity

DA-DC-00004157.pdf

DA-DC-00004135.pdf

Drawings

eaton-operating-m30-dimensions-006.eps

eaton-operating-m30-dimensions-004.eps

eaton-operating-m30-dimensions.eps

eaton-operating-m30-dimensions-005.eps

eaton-general-m22-symbol.eps

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eaton-general-approval-m22-symbol.eps

eaton-operating-m30-3d-drawing.eps

eCAD model

ETN.188102.edz

Installation instructions

eaton-operating-devices-m30-rmq-titan-flat-front-instruction-leaflet-il047019zu.pdf

Installation videos

RMQ Flat Design

mCAD model

DA-CS-drucktaste_flach_flatfront

DA-CD-drucktaste_flach_flatfront

Multimedia

RMQ small E-Stop emergency-stop button

MCI MultiColor Light Indicator RMQ compact solution

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

MCI Multicolor Light Indicator M22 with SmartWire-DT

Sales notes

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

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

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

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

System overview

Pilot devices - selection aid

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