Specifications

Eaton 188096

Catalog Number: 188096

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



General specifications

Product Name
Eaton Moeller® series M30 Pushbutton

Catalog Number
188096

EAN
4015081857746

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

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Features & Functions

Bezel color
Stainless steel

Bezel material
Metal

Design
Flat
Flat front

Fitted with:
Front ring

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

Inscription
Blank

General

Degree of protection
IP66
IP67
IP69

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
Mechanical, According to IEC/EN 60068-2-27
15 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

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

Yellow

Actuator function

Maintained

Switching function latching

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-005.eps

eaton-operating-m30-dimensions-004.eps

eaton-operating-m30-dimensions.eps

eaton-operating-m30-dimensions-006.eps

eaton-general-approval-m22-symbol.eps

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

eaton-operating-button-symbol-008.eps

eaton-general-m22-symbol.eps

eCAD model

ETN.188096.edz

Installation instructions

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

Installation videos

RMQ Flat Design

mCAD model

DA-CD-drucktaste_flach_flatfront

DA-CS-drucktaste_flach_flatfront

Multimedia

MCI Multicolor Light Indicator M22 with SmartWire-DT

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

Sales notes

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

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

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

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

System overview

Pilot devices - selection aid

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

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