Specifications

Eaton 188099

Catalog Number: 188099

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



General specifications

Product Name	**Catalog Number**
Eaton Moeller® series M30 Pushbutton	188099
EAN	**Product Length/Depth**
4015081857777	36 mm
Product Height	**Product Width**
30 mm	46 mm
Product Weight	**Certifications**
0.041 kg	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

Features

Labelled

Fitted with:

Front ring

Inscription

Inscribed

General

Degree of protection

IP66

IP67

IP69

Degree of protection (front side)

IP67

NEMA 4X, 13

Lifespan, mechanical

5,000,000 Operations

Opening diameter

30.5 mm

Operating frequency

3600 Operations/h

Product category

RMQ-Titan

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, constant, to IEC 60068-2-78

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

Communication

Connection to SmartWire-DT

Yes

With SWD-RMQ connections

Actuator

Actuating force

5 N

Actuator color

Blue

Actuator function

Spring-return

Momentary

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-00004135.pdf

DA-DC-00004157.pdf

Drawings

eaton-operating-m30-dimensions-004.eps

eaton-operating-m30-dimensions.eps

eaton-operating-m30-dimensions-005.eps

eaton-operating-m30-dimensions-006.eps

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

eaton-general-approval-m22-symbol.eps

eaton-operating-button-m30-pushbutton-symbol.eps

eaton-general-m22-symbol.eps

eCAD model

ETN.188099.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

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

MCI MultiColor Light Indicator RMQ compact solution

RMQ small E-Stop emergency-stop button

Contacts

Force for positive opening - min

0 N

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-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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