Specifications

# Eaton 286339

## Catalog Number: 286339

Eaton Moeller® series M22 Position pushbutton, RMQ-Titan, Actuators non-flush, momentary, 4-fold, opposing pushbuttons mechanically interlocked, Bezel: black, arrow up



### General specifications

**Product Name**
Eaton Moeller® series M22 4-way pushbutton

**Catalog Number**
286339

**EAN**
4015082863395

**Product Length/Depth**
55 mm

**Product Height**
32 mm

**Product Width**
55 mm

**Product Weight**
0.022 kg

**Certifications**
IEC/EN 60947-5
UL File No.: E29184
CSA-C22.2 No. 14-05
UL Category Control No.: NKCR
CSA
UL
CSA Class No.: 3211-03
CSA-C22.2 No. 94-91
CE
IEC/EN 60947
CSA File No.: 012528
VDE 0660
UL 508
DNV
GL
LR

**Catalog Notes**
4-fold

Powering Business Worldwide

## Features & Functions

**Bezel color**

Black

**Bezel material**

Plastic

**Design**

Non-Flush

Classical

**Features**

Labelled

**Fitted with:**

Front ring

**Functions**

Opposing pushbuttons mechanically interlocked

**Inscription**

4 white arrows

## General

**Degree of protection**

NEMA 4X

NEMA 12

IP66

NEMA 3R

NEMA 13

**Degree of protection (front side)**

IP66

NEMA 4X

**Lifespan, mechanical**

200,000 Operations

**Opening diameter**

22.5 mm

**Operating frequency**

3600 Operations/h

**Product category**

RMQ-Titan

**Size**

Front dimensions: 55 x 55 mm

**Type**

Pushbutton

## Ambient conditions, mechanical

**Mounting position**

As required

**Shock resistance**

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

30 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**

Yes

With SWD-RMQ connections

## Actuator

**Actuating force**

5 N

**Actuator color**

Black

### Actuator function

Momentary

Spring-return

## 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

### 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

## Resources

### Catalogs

Flip catalog - Product Range Catalog - Command and indication

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

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

### Declarations of conformity

DA-DC-00004135.pdf

DA-DC-00004157.pdf

### Drawings

eaton-operating-pushbutton-m22-position-pushbutton-dimensions.eps

eaton-operating-switch-m22-position-pushbutton-3d-drawing-002.eps

eaton-general-approval-m22-symbol.eps

eaton-general-m22-standards.eps

eaton-general-m22-symbol.eps

### eCAD model

ETN.286339.edz

### Installation instructions

IL04716002Z

### Installation videos

RMQ Flat Design

### mCAD model

DA-CS-drucktaste_4_fach

DA-CD-drucktaste_4_fach

### Multimedia

MCI Multicolor Light Indicator M22 with SmartWire-DT

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

RMQ small E-Stop emergency-stop button

MCI MultiColor Light Indicator RMQ compact solution

### Sales notes

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

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

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

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.

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

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

## System overview

Pilot devices - selection aid




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