

# Eaton 226770

Catalog Number: 226770

Eaton Moeller® series M22 Double actuator pushbutton, RMQ-Titan, Actuators and indicator lights non-flush, momentary, White lens, selectable, individual facility for inscription, Bezel: titanium

## General specifications



### Product Name

Eaton Moeller® series M22 Double actuator pushbutton

### Catalog Number

226770

### Product Length/Depth

30 mm

### Product Height

55 mm

### Product Width

30 mm

### Product Weight

0.015 kg

### Certifications

VDE 0660

CSA

CSA-C22.2 No. 14-05

UL

UL Category Control No.: NKCR

CSA Class No.: 3211-03

CSA File No.: 012528

CSA-C22.2 No. 94-91

IEC/EN 60947

IEC/EN 60947-5

CE

UL 508

UL File No.: E29184

DNV

GL

LR

### Catalog Notes

Notes on customized inscription → Data sheet, additional product information (links)

## Features & Functions

### Bezel color

Titanium

### Bezel material

Plastic

### Design

Non-Flush

Classical

### Features

Labelled

### Fitted with:

Front ring

### Inscription

Individual inscription possible

### Lens color

White

## General

### Degree of protection

NEMA 4X

NEMA 12

NEMA 3R

NEMA 13

IP66

### 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: 29,7 x 54,7 mm

### Suitable for

Illumination

## Ambient conditions, mechanical

### Mounting position

As required

### Shock resistance

30 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, constant, to IEC 60068-2-78

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

## Communication

Connection to SmartWire-DT  
With SWD-RMQ connections  
Yes

## Actuator

Actuating force  
5 N  
  
Actuator color  
Other  
  
Actuator function  
Momentary  
Spring-return

## Contacts

Force for positive opening - min  
0 N

## Design verification

Equipment heat dissipation, current-dependent P<sub>vid</sub>  
0 W

Heat dissipation capacity P<sub>diss</sub>  
0 W

Heat dissipation per pole, current-dependent P<sub>vid</sub>  
0 W

Rated operational current for specified heat dissipation (I<sub>n</sub>)  
0 A

Static heat dissipation, non-current-dependent P<sub>vs</sub>  
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

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.

## 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](#)

### Drawings

[eaton-operating-pushbutton-m22-double-actuator-pushbutton-dimensions-002.eps](#)

[eaton-operating-pushbutton-m22-double-actuator-pushbutton-dimensions.eps](#)

[eaton-general-m22-symbol.eps](#)

[eaton-general-m22-standards.eps](#)

[eaton-general-approval-m22-symbol.eps](#)

### eCAD model

[ETN.226770.edz](#)

### Installation instructions

[IL04716002Z](#)

### Installation videos

[RMQ Flat Design](#)

### mCAD model

[DA-CS-doppeldrucktaste\\_normal\\_normal](#)

[DA-CD-doppeldrucktaste\\_normal\\_normal](#)

### Multimedia

[easyE4 SmartWire-DT module with Remote Touch Display and RMQ multi color indicator](#)

[MCI Multicolor Light Indicator M22 with SmartWire-DT](#)

[MCI MultiColor Light Indicator RMQ compact solution](#)

[RMQ small E-Stop emergency-stop button](#)

### Sales notes

[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](#)

[eaton-control circuit-devices rmq-titan-fl144090en-en-us.pdf](#)

### System overview

[Pilot devices - selection aid](#)



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