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## 216807

Eaton Moeller® series M22 Illuminated pushbutton actuator, RMQ-Titan, Extended, maintained, White, inscribed 1, Bezel: titanium

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## General specifications

### Product Name

Eaton Moeller® series M22 Illuminated pushbutton actuator

### Catalog Number

216807

### Model Code

M22-DRLH-W-X1

### EAN

4015082168070

### Product Length/Depth

30 mm

### Product Height

35 mm

### Product Width

30 mm

### Product Weight

0.013 kg

### Certifications

CSA File No.: 012528

CSA-C22.2 No. 14-05

VDE 0660

UL Category Control No.: NKCR

CSA

CSA-C22.2 No. 94-91

IEC/EN 60947

UL 508

CSA Class No.: 3211-03

IEC/EN 60947-5

UL

UL File No.: E29184

CE

DNV

GL

LR

## Product specifications

### Rated operational current for specified heat dissipation (In)

0 A

### 10.11 Short-circuit rating

Is the panel builder's responsibility. The specifications for the switchgear must be observed.

### Opening diameter

22.5 mm

### 10.4 Clearances and creepage distances

Meets the product standard's requirements.

### 10.12 Electromagnetic compatibility

Is the panel builder's responsibility. The specifications for the switchgear must be observed.

### 10.2.5 Lifting

Does not apply, since the entire switchgear needs to be evaluated.

### Design

Extended

Classical

### 10.2.3.1 Verification of thermal stability of enclosures

Meets the product standard's requirements.

### Front element type

High

### Fitted with:

Front ring



Inscription  
Inscribed  
Degree of protection (front side)  
IP67/IP69K  
NEMA 4X  
Force for positive opening - min  
0 N  
10.8 Connections for external conductors  
Is the panel builder's responsibility.  
Actuating force  
5 N  
Ambient operating temperature - max  
70 °C  
Bezel color  
Chrome  
Climatic proofing  
Damp heat, cyclic, to IEC 60068-2-30  
Damp heat, constant, to IEC 60068-2-78  
Features  
Labelled  
Connection to SmartWire-DT  
Yes  
With SWD-RMQ connections  
Number of command positions  
1  
Static heat dissipation, non-current-dependent Pvs  
0 W  
10.9.3 Impulse withstand voltage  
Is the panel builder's responsibility.  
Ambient operating temperature - min  
-25 °C  
10.6 Incorporation of switching devices and components  
Does not apply, since the entire switchgear needs to be evaluated.  
10.5 Protection against electric shock  
Does not apply, since the entire switchgear needs to be evaluated.  
Mounting position  
As required  
Actuator function  
Maintained  
Switching function latching  
10.13 Mechanical function  
The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.  
10.2.6 Mechanical impact  
Does not apply, since the entire switchgear needs to be evaluated.  
10.9.4 Testing of enclosures made of insulating material  
Is the panel builder's responsibility.  
10.3 Degree of protection of assemblies  
Does not apply, since the entire switchgear needs to be evaluated.  
Heat dissipation per pole, current-dependent Pvid  
0 W  
Operating frequency  
1800 Operations/h  
Product category  
RMQ-Titan  
Equipment heat dissipation, current-dependent Pvid  
0 W  
Heat dissipation capacity P<sub>diss</sub>  
0 W  
Suitable for  
Illumination  
Width opening  
0 mm  
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.

Lifespan, mechanical

1,000,000 Operations (AC operated)

Bezel material

Plastic

10.9.2 Power-frequency electric strength

Is the panel builder's responsibility.

Degree of protection

NEMA 4X

NEMA 12

NEMA 13

IP67

IP69K

IP66

NEMA 3R

Actuator color

White

Opening height

0 mm

10.7 Internal electrical circuits and connections

Is the panel builder's responsibility.

10.10 Temperature rise

Not applicable.

Functions

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

Size

Front diameter: 29.7 mm

Lens type

Round

Type

Illuminated pushbutton actuator

10.2.2 Corrosion resistance

Meets the product standard's requirements.

10.2.4 Resistance to ultra-violet (UV) radiation

Please enquire

10.2.7 Inscriptions


Meets the product standard's requirements.

Shock resistance

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

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

Serial Number Verified :

Authenticated: 

The product is verified as being authentic; however, this does not guarantee the condition or fit for purpose of the product.

## Brochures

- [RMQ Titan - brochure](#)
- [RMQ Flat Enclosure - Flyer](#)
- [RMQ MCI - Flyer](#)
- [RMQ Titan emergency stop push button - Flyer](#)
- [RMQ Small E-Stop - Flyer](#)

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## Catalogs

- [Product Range Catalog Command and Indication Control Circuit Devices, Signal Towers](#)
- [Flip catalog - Product Range Catalog - Command and indication](#)

## Certification reports

- [DA-DC-00004157.pdf](#)
- [DA-DC-00004135.pdf](#)

## Drawings

- [eaton-operating-pushbutton-m22-dimensions-005.eps](#)
- [eaton-operating-pushbutton-m22-dimensions.eps](#)
- [116C090](#)
- [eaton-general-m22-symbol.eps](#)
- [eaton-operating-samrtwire-m22-3d-drawing-002.eps](#)
- [eaton-general-approval-m22-symbol.eps](#)
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## eCAD model

- [DA-CE-ETN.M22-DRLH-W-XI](#)

## Installation instructions

- [IL04716002Z](#)

## Installation videos

- [RMQ Flat Design](#)

## mCAD model

- [DA-CD-drucktaste\\_hoch](#)
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