Toote tehnilised andmed

# Eaton 216602

## Catalog Number: 216602

Eaton Moeller® series M22 Pushbutton, RMQ-Titan, momentary, Without button plate, Bezel: titanium

## General specifications

| | |
|---|---|
| **Product Name** | **Catalog Number** |
| Eaton Moeller® series M22 Pushbutton | 216602 |
| **EAN** | **Product Length/Depth** |
| 4015082166021 | 30 mm |
| **Product Height** | **Product Width** |
| 30 mm | 30 mm |
| **Product Weight** | **Compliances** |
| 0.009 kg | CE Marked |

**Certifications**

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

**Model Code**

M22-D-X

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## Omadused ja funktsioonid

Bezel color

Titanium

Bezel material

Plastic

Design

Classical

Fitted with:

Front ring

## Üldist

Degree of protection

NEMA 12

IP66

NEMA 3R

NEMA 4X

IP67

IP69K

NEMA 13

Degree of protection (front side)

IP67/IP69K

NEMA 4X

Lifespan, mechanical

5,000,000 Operations

Opening diameter

22.5 mm

Operating frequency

3600 Operations/h

Product category

RMQ-Titan

Product category

RMQ-Titan

Size

Front dimensions: 22 x 22 mm

Type

Pushbutton actuator

## Keskkonnatingimused, mehaanilised

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

## Ilmastikutingimused

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

## Kommunikatsioon

Connection to SmartWire-DT

With SWD-RMQ connections

Yes

## Aktuaator

Actuating force

5 N

Actuator color

Without button plate

Actuator function

Spring-return

Momentary

## Kontaktid

Force for positive opening - min

0 N

## Vastavusavaldus

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 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.

## Lisainfo

### eCAD model

ETN.216602.edz

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eaton-operating-pushbutton-m22-dimensions-003.eps

eaton-operating-pushbutton-m22-dimensions-004.eps

eaton-operating-actuation-m22-dimensions-002.eps

eaton-operating-samrtwire-m22-3d-drawing.eps

### mCAD model

DA-CD-drucktaste_ohne_tastenplatte

DA-CS-drucktaste_ohne_tastenplatte

### Multimedia

RMQ small E-Stop emergency-stop button

### Paigaldusjuhised

IL04716002Z

eaton-operating-devices-rmq-titan-m22-instruction-leaflet-il047018zu.pdf

### System overview

Pilot devices - selection aid

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



Eaton.com/socialmedia