

# Eaton 216700

Catalog Number: 216700

Eaton Moeller® series M22 Double actuator pushbutton, RMQ-Titan, Actuators and indicator lights non-flush, momentary, White lens, green, red, inscribed, Bezel: titanium



## General specifications

### Product Name

Eaton Moeller® series M22 Double actuator pushbutton

### Catalog Number

216700

### Model Code

M22-DDL-GR-X1/X0

### EAN

4015082167004

### Product Length/Depth

30 mm

### Product Height

55 mm

### Product Width

30 mm

### Product Weight

0.015 kg

### Certifications

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

Non-Flush

Classical

### 10.2.3.1 Verification of thermal stability of enclosures

Meets the product standard's requirements.

### Ambient storage temperature - min

40 °C

### Front element type

Flat

### Fitted with:

Front ring

### Inscription

Inscribed

### Degree of protection (front side)

NEMA 4X

IP66

### Force for positive opening - min

0 N

### 10.8 Connections for external conductors

Is the panel builder's responsibility.

### Lens color

## Resources

### Brochures

RMQ Titan - brochure

RMQ Flat Enclosure - Flyer

RMQ MCI - Flyer

RMQ Small E-Stop - Flyer

RMQ Titan emergency stop push button - Flyer

### Catalogs

Product Range Catalog Command and Indication Control Circuit Devices, Signal Towers

Flip catalog - Product Range Catalog - Command and indication

### Certification reports

DA-DC-00004135.pdf

DA-DC-00004157.pdf

### 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-approval-m22-symbol.eps

eaton-operating-button-m22-double-actuator-pushbutton-symbol-002.eps

eaton-general-m22-standards.eps

### eCAD model

ETN.M22-DDL-GR-X1\_X0

### Installation instructions

IL04716002Z

### Installation videos

RMQ Flat Design

### mCAD model

DA-CS-doppeldrucktaste\_normal\_normal

DA-CD-doppeldrucktaste\_normal\_normal

### System overview

Pilot devices - selection aid

White

#### Actuating force

5 N

#### Ambient operating temperature - max

70 °C

#### Bezel color

Titanium

#### Climatic proofing

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

Damp heat, constant, to IEC 60068-2-78

#### Features

Labelled

#### Connection to SmartWire-DT

With SWD-RMQ connections

Yes

#### Number of command positions

2

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

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

Momentary

Spring-return

#### 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 P<sub>vid</sub>

0 W

#### Operating frequency

3600 Operations/h

#### Product category

RMQ-Titan

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

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

200,000 Operations

#### Bezel material

Plastic

#### 10.9.2 Power-frequency electric strength

Is the panel builder's responsibility.

#### Degree of protection

NEMA 4X

NEMA 12

NEMA 3R

NEMA 13

IP66

#### Actuator color

Green, red

#### Opening height

0 mm

#### Ambient storage temperature - max

80 °C

#### 10.7 Internal electrical circuits and connections

Is the panel builder's responsibility.

#### 10.10 Temperature rise

Not applicable.

#### Size

Front dimensions: 29,7 x 54,7 mm

#### Lens type

Oval

#### Type

Double 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

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

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

shock 11 ms