

# Eaton 216827

Catalog Number: 216827

Eaton Moeller® series M22 Illuminated selector switch actuator, RMQ-Titan, With thumb-grip, maintained, 2 positions, green, Bezel: titanium

## General specifications



<b>Product Name</b>	<b>Catalog Number</b>
Eaton Moeller® series M22 Illuminated selector switch actuator	216827
	<b>Model Code</b>
	M22-WRLK-G
<b>EAN</b>	<b>Product Length/Depth</b>
4015082168278	46 mm
<b>Product Height</b>	<b>Product Width</b>
30 mm	30 mm
<b>Product Weight</b>	<b>Compliances</b>
0.013 kg	CE Marked

## Certifications

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

## 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.

### Operating torque

0.3 Nm

### 10.2.5 Lifting

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

### Design

With thumb-grip

### 10.2.3.1 Verification of thermal stability of enclosures

Meets the product standard's requirements.

### Fitted with:

Front ring

### Degree of protection (front side)

IP66

### Force for positive opening - min

0 N

### 10.8 Connections for external conductors

Is the panel builder's responsibility.

### Actuator type

Toggle

### Ambient operating temperature - max

70 °C

### Bezel color

Titanium

### Climatic proofing

## Resources

### Brochures

[RMQ Titan - brochure](#)

[RMQ MCI - Flyer](#)

[RMQ Titan emergency stop push button - Flyer](#)

[RMQ Flat Enclosure - Flyer](#)

[RMQ Small E-Stop - Flyer](#)

### Catalogs

[Flip catalog - Product Range Catalog - Command and indication](#)

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

### Certification reports

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

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

### Drawings

[eaton-operating-switch-m22-dimensions-002.eps](#)

[eaton-operating-switch-m22-dimensions.eps](#)

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

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

[eaton-operating-button-symbol-004.eps](#)

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

### eCAD model

[ETN.M22-WRLK-G](#)

### Installation instructions

[IL0471600Z](#)

### Installation videos

[RMQ Flat Design](#)

### mCAD model

[DA-CS-wahltaste\\_knebel](#)

[DA-CD-wahltaste\\_knebel](#)

### System overview

[Pilot devices - selection aid](#)

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

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

#### Color

Green

#### Indicator color

Green

#### Connection to SmartWire-DT

With SWD-RMQ connections

Yes

#### 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

2000 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

Accessories

Thumb grip

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

100,000 Operations

Bezel material

Plastic

Switching angle

60 °

Number of switch positions

2

10.9.2 Power-frequency electric strength

Is the panel builder's responsibility.

Degree of protection

NEMA 4X, 13

Actuator color

Black

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 with coding parts M22-XC-Y

#### Size

Front diameter: 29.7 mm

#### Lens type

Round

#### Type

Illuminated selector switch 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



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