

# Eaton 216816

Catalog Number: 216816

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

## General specifications



### Product Name

Eaton Moeller® series M22 Illuminated  
selector switch actuator

### Catalog Number

216816

### EAN

4015082168162

### Product Length/Depth

46 mm

### Product Height

30 mm

### Product Width

30 mm

### Product Weight

0.013 kg

### Compliances

CE Marked

### Certifications

CSA Std. C22.2 No. 14-05

EN 60947-5

UL 508

IEC 60947-5

CSA Std. C22.2 No. 94-91

VDE

CSA-C22.2 No. 14-05

CSA Class No.: 3211-03

CSA-C22.2 No. 94-91

CSA File No.: 012528

IEC/EN 60947

IEC/EN 60947-5

UL Category Control No.: NKCR

UL File No.: E29184

UL

VDE 0660

CE

CSA

## Omadused ja funktsioonid

### Bezel color

Titanium

### Bezel material

Plastic

### Color

Green

### Design

With thumb-grip

### Fitted with:

Front ring

### Functions

Stay-put/spring-return function, can be changed with coding parts M22-XC-Y

## Üldist

### Accessories

Thumb grip

### Degree of protection

NEMA 4X, 13

### Degree of protection (front side)

IP66

### Lifespan, mechanical

100,000 Operations

### Opening diameter

22.5 mm

### Operating frequency

2000 Operations/h

### Operating torque

0.3 Nm

### Overvoltage category

III

### Pollution degree

3

### Product category

RMQ-Titan

### Product category

RMQ-Titan

### Size

Front diameter: 29.7 mm

### Suitable for

Illumination

### Switching angle

40 °

### Type

Illuminated selector switch actuator

## Keskkonnatingimused, mehaanilised

### Mounting position

As required

## Ilmastikutingimused

### Ambient operating temperature - min

-25 °C

Shock resistance

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

Ambient operating temperature - max

70 °C

Climatic proofing

Damp heat, cyclic, to IEC 60068-2-30  
Damp heat, constant, to IEC 60068-2-78

Kommunikatsioon

Connection to SmartWire-DT

With SWD-RMQ connections  
Yes

Aktuaator

Actuator color

Black

Actuator function

Momentary  
Spring-return

Actuator type

Toggle

Number of switch positions

2

Kontaktid

Force for positive opening - min

0 N

Vastavusavaldus

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

## Lisainfo

### [eCAD model](#)

[ETN.216816.edz](#)

### [Joonised](#)

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

### [mCAD model](#)

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

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

### [Multimedia](#)

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

### [Paigaldusjuhised](#)

[IL04716002Z](#)

### [System overview](#)

[Pilot devices - selection aid](#)

switchgear must be observed.

#### 10.13 Mechanical function

The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.



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