

# Eaton 216837

Catalog Number: 216837

Eaton Moeller® series M22 Illuminated selector switch actuator, RMQ-Titan, With thumb-grip, momentary, 3 positions, green, Bezel: titanium

## General specifications



### Product Name

Eaton Moeller® series M22 Illuminated selector switch actuator

### Catalog Number

216837

### EAN

4015082168377

### Product Length/Depth

46 mm

### Product Height

30 mm

### Product Width

30 mm

### Product Weight

0.013 kg

### Compliances

CE Marked

### Certifications

UL 508

CSA Std. C22.2 No. 94-91

CSA Std. C22.2 No. 14-05

IEC 60947-5

EN 60947-5

CSA File No.: 012528

UL Category Control No.: NKCR

CSA

IEC/EN 60947

CSA Class No.: 3211-03

UL File No.: E29184

VDE 0660

CSA-C22.2 No. 14-05

IEC/EN 60947-5

CE

CSA-C22.2 No. 94-91

UL

DNV

CI

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## Omadused ja funktsioonid

### Bezel color

Titanium

### Bezel material

Plastic

### Color

Green

### Design

With thumb-grip

Classical

### 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

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

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

### 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

Yes

With SWD-RMQ connections

## Aktuaator

### Actuator color

Black

### Actuator function

Spring-return

Momentary

### Actuator type

Toggle

### Number of switch positions

3

## 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](#)

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#### [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](#)

[IL0471600Z](#)

#### [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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