

# 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

4015081833221

### 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

## Features & Functions

### 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

## General

### 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

### 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

## Ambient conditions, mechanical

### 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

## Climatic environmental conditions

### Ambient operating temperature - min

-25 °C

### Ambient operating temperature - max

70 °C

### Climatic proofing

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

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

## Communication

Connection to SmartWire-DT

Yes

With SWD-RMQ connections

## Actuator

Actuator color

Black

Actuator function

Spring-return

Momentary

Actuator type

Toggle

Number of switch positions

3

## Contacts

Force for positive opening - min

0 N

## Design verification

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 switchgear must be observed.

### 10.13 Mechanical function

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

### Desene

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

### Instrucțiuni de instalare

[IL0471600Z](#)

### Rapoarte de certificare

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

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



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