

# Eaton 216560

Catalog Number: 216560

Eaton Moeller® series M22 LED element, white, base fixing, 12-30VAC/DC



## General specifications

### Product Name

Eaton Moeller® series M22 Accessory  
LED

### Catalog Number

216560

### EAN

4015082165604

### Product Length/Depth

38 mm

### Product Height

10 mm

### Product Width

37 mm

### Product Weight

0.011 kg

### Compliances

CE Marked

### Certifications

IEC 60947-5

UL 508

EN 60947-5

CSA Std. C22.2 No. 14-05

CSA Std. C22.2 No. 94-91

VDE

CSA-C22.2 No. 14-05

IEC 60947-5-1

CSA-C22.2 No. 94-91

UL File No.: E29184

CE

CSA Class No.: 3211-03

UL Category Control No.: NKCR

CSA File No.: 012528

IEC/EN 60947-5

CSA

UL

## Omadused ja funktsioonid

### Color

White

### Fitted with:

Diode

Light source

### Light color

White

## Üldist

### Degree of protection

IP20

### Lifespan, electrical

100,000 h (at 25°C, according to EN60064)

### Operating torque

0.8 Nm

### Overvoltage category

III

### Pollution degree

3

### Rated impulse withstand voltage (Uimp)

6000 V AC

### Voltage type

AC/DC

## Keskkonnatingimused, mehaanilised

### 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

## Ilmastikutingimused

### Ambient operating temperature - min

-25 °C

### Ambient operating temperature - max

70 °C

### Ambient storage temperature - min

40 °C

### Ambient storage temperature - max

80 °C

### Climatic proofing

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

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

## Klemmide ristlõige

### Terminal capacity (solid)

0.75 - 2.5 mm<sup>2</sup>

### Terminal capacity (stranded)

0.5 - 2.5 mm<sup>2</sup>

## Elektrilised andmed

### Power consumption

Max. 0.26 W

### Rated insulation voltage (Ui)

500 V

### Rated operational current (Ie) - min

5 mA

Rated operational current (Ie) - max

14 mA

Rated operational voltage (Ue) at AC - max

30 V

Rated operational voltage (Ue) at AC - min

12 V

Rated operational voltage (Ue) at DC - max

30 V

Rated operational voltage (Ue) at DC - min

12 V

## Kommunikatsioon

Connection to SmartWire-DT

No

Connection type

Base fixing

## 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>

0.45 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

Meets the product standard's requirements.

### 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

The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.

### 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.

## Lisainfo

### eCAD model

[ETN.216560.edz](#)

### Joonised

[eaton-operating-button-symbol-013.eps](#)

### mCAD model

[DA-CS-led\\_element\\_schraube\\_boden](#)

[DA-CD-led\\_element\\_schraube\\_boden](#)

### Multimedia

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

### Paigaldusjuhised

[IL04716002Z](#)

[eaton-operating-devices-rmq-titan-m22-instruction-leaflet-il047018zu.pdf](#)

### System overview

[Pilot devices - selection aid](#)



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