

# Eaton 218058

Catalog Number: 218058

Eaton Moeller® series M22 Light element, LED, blue, base fixing, 12-30VAC/DC, screw connection

## General specifications

<b>Product Name</b>	<b>Catalog Number</b>
Eaton Moeller® series M22 Accessory LED	218058
	<b>Model Code</b>
	M22-LEDC-B
<b>EAN</b>	<b>Product Length/Depth</b>
4015082180584	38 mm
<b>Product Height</b>	<b>Product Width</b>
10 mm	37 mm
<b>Product Weight</b>	<b>Compliances</b>
0.011 kg	CE Marked

## Certifications

EN 60947-5  
UL 508  
CSA Std. C22.2 No. 94-91  
IEC 60947-5  
CSA Std. C22.2 No. 14-05  
VDE  
CE  
UL  
CSA-C22.2 No. 94-91  
CSA  
UL Category Control No.: NKCR  
CSA-C22.2 No. 14-05  
IEC 60947-5-1  
IEC/EN 60947-5  
UL File No.: E29184  
CSA File No.: 012528  
CSA Class No.: 3211-03

## Product specifications

### Rated operational current (I<sub>e</sub>) - max

14 A

### Rated operational current for specified heat dissipation (I<sub>n</sub>)

0 A

### 10.11 Short-circuit rating

Is the panel builder's responsibility. The specifications for the switchgear must be observed.

### Lamp holder

None

### 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

0.8 Nm

### 10.2.5 Lifting

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

### 10.2.3.1 Verification of thermal stability of enclosures

Meets the product standard's requirements.

### Ambient storage temperature - min

40 °C

### Fitted with:

Diode

Light source

### Rated operational voltage (U<sub>e</sub>) at AC - min

12 V

### Force for positive opening - min

0 N

### 10.8 Connections for external conductors

Is the panel builder's responsibility.

### Terminal capacity (stranded)

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

### Ambient operating temperature - max

70 °C

## Resources

### Brochures

RMQ Titan - brochure

RMQ Titan emergency stop push button - Flyer

RMQ MCI - Flyer

RMQ Small E-Stop - Flyer

RMQ Flat Enclosure - Flyer

### Catalogs

Flip catalog - Product Range Catalog - Command and indication

Product Range Catalog Command and Indication Control Circuit Devices, Signal Towers

### Certification reports

116Z024

DA-DC-00004135.pdf

DA-DC-00004157.pdf

### Drawings

116C058

eaton-operating-led-m22-led-element-standards.eps

eaton-operating-button-symbol-003.eps

### eCAD model

ETN.M22-LEDC-B

### Installation instructions

IL0471600Z

IL047018ZU

### mCAD model

DA-CS-led\_element\_schraube\_boden

DA-CD-led\_element\_schraube\_boden

### Specifications and datasheets

Eaton Specification Sheet - 218058

### System overview

Pilot devices - selection aid

#### Climatic proofing

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

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

#### Connection to SmartWire-DT

No

#### Static heat dissipation, non-current-dependent Pvs

0.45 W

#### Lifespan, electrical

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

#### 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.

#### Fastening type

Floor fastening

#### Mounting position

As required

#### 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

#### Voltage type

AC/DC

Equipment heat dissipation, current-dependent P<sub>vid</sub>

0 W

Heat dissipation capacity P<sub>diss</sub>

0 W

Connection type (auxiliary circuit)

Screw connection

Terminal capacity (solid)

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

Power consumption

Max. 0.26 W

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.

Connection type

Base fixing

10.9.2 Power-frequency electric strength

Is the panel builder's responsibility.

Rated operational voltage (U<sub>e</sub>) at DC - min

12 V

Overvoltage category

III

Degree of protection

IP20

Light color

Blue

Rated operational voltage (U<sub>e</sub>) at DC - max

30 V

Ambient storage temperature - max

80 °C

Rated operational voltage (U<sub>e</sub>) at AC - max

30 V

Pollution degree

3

10.7 Internal electrical circuits and connections

Is the panel builder's responsibility.

#### Rated impulse withstand voltage (Uimp)

6000 V AC

#### 10.10 Temperature rise

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

#### Lamp type

LED

#### Type

LED lamp

#### 10.2.2 Corrosion resistance

Meets the product standard's requirements.

#### Rated operational current (Ie) - min

5 A

#### 10.2.4 Resistance to ultra-violet (UV) radiation

Meets the product standard's requirements.

#### 10.2.7 Inscriptions

Meets the product standard's requirements.

#### Shock resistance

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

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

#### Rated insulation voltage (Ui)

500 V



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