

# Eaton 218061

Catalog Number: 218061

Eaton Moeller® series M22 Light element, LED, blue, front mount, 12-30VAC/DC, spring clamp connection



## General specifications

<b>Product Name</b>	<b>Catalog Number</b>
Eaton Moeller® series M22 Accessory LED	218061
	<b>Model Code</b>
	M22-CLED-B
<b>EAN</b>	<b>Product Length/Depth</b>
4015082180614	39 mm
<b>Product Height</b>	<b>Product Width</b>
39 mm	10 mm
<b>Product Weight</b>	<b>Certifications</b>
0.01 kg	CSA File No.: 012528 CSA-C22.2 No. 14-05 IEC/EN 60947-5 UL File No.: E29184 CE UL Category Control No.: NKCR UL CSA Class No.: 3211-03 CSA-C22.2 No. 94-91 IEC 60947-5-1 UL 508 CSA

## Catalog Notes

Cage Clamp is a registered trademark of  
Wago Kontakttechnik GmbH/Minden,  
Germany

### 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.

#### 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.

#### Brochures

[RMQ Titan - brochure](#)

[RMQ Flat Enclosure - Flyer](#)

[RMQ MCI - Flyer](#)

[RMQ Small E-Stop - Flyer](#)

[RMQ Titan emergency stop push button - Flyer](#)

#### Catalogs

[Product Range Catalog Command and Indication Control Circuit Devices, Signal Towers](#)

[Flip catalog - Product Range Catalog - Command and indication](#)

#### Certification reports

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

[DA-DC-00004180.pdf](#)

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

[DA-DC-00004134.pdf](#)

[DA-DC-00004141.pdf](#)

[DA-DC-00004176.pdf](#)

#### Drawings

[eaton-operating-actuation-m22-led-element-dimensions.eps](#)

[eaton-operating-button-symbol-003.eps](#)

[eaton-operating-led-m22-led-element-standards.eps](#)

#### eCAD model

[ETN.M22-CLED-B](#)

#### Installation instructions

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

[IL04716002Z](#)

#### Installation videos

[RMQ Flat Design](#)

#### mCAD model

[led\\_element\\_cage\\_front.stp](#)

[led\\_element\\_cage\\_front](#)

#### Multimedia

[easyE4 SmartWire-DT module with Remote Touch Display and RMQ multi color indicator](#)

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

#### 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.

#### Fitted with:

Diode

Light source

#### Pollution degree

3

#### Climatic proofing

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

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

#### Connection to SmartWire-DT

No

#### Rated impulse withstand voltage (U<sub>imp</sub>)

6000 V AC

#### Ambient operating temperature - max

70 °C

#### Ambient operating temperature - min

-25 °C

#### Ambient storage temperature - max

80 °C

#### Ambient storage temperature - min

-40 °C

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

0 W

MCI Multicolor Light Indicator M22 with SmartWire-DT

MCI MultiColor Light Indicator RMQ compact solution

#### System overview

Pilot devices - selection aid

Force for positive opening - min

0 N

Heat dissipation capacity  $P_{diss}$

0 W

Heat dissipation per pole, current-dependent  $P_{vid}$

0 W

Operating torque

0.8 Nm

Rated insulation voltage ( $U_i$ )

500 V

Rated operational current ( $I_e$ ) - max

14 mA

Rated operational current ( $I_e$ ) - min

5 mA

Rated operational current for specified heat dissipation ( $I_n$ )

0 A

Rated operational voltage ( $U_e$ ) at AC - max

30 V

Rated operational voltage ( $U_e$ ) at AC - min

12 V

Rated operational voltage ( $U_e$ ) at DC - max

30 V

Rated operational voltage ( $U_e$ ) at DC - min

12 V

Static heat dissipation, non-current-dependent  $P_{vs}$

0.45 W

Voltage type

AC/DC

Fastening type

Front fastening

Mounting position

As required

Light color

Blue

Connection type

Front fixing

Lamp type

LED

Overvoltage category

III

Connection type (auxiliary circuit)

Spring clamp connection

Degree of protection

IP20

Lamp holder

None

Power consumption

Max. 0.26 W

Lifespan, electrical

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

Terminal capacity (stranded)

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

Shock resistance

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

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

Terminal capacity (solid)

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



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