Specifications

# Eaton 218064

## Catalog Number: 218064

Eaton Moeller® series M22 Light element, LED, blue, base fixing, 85-264VAC, spring clamp connection




### General specifications

**Product Name**
Eaton Moeller® series M22 Accessory LED

**Catalog Number**
218064

**EAN**
4015082180645

**Product Length/Depth**
39 mm

**Product Height**
39 mm

**Product Width**
10 mm

**Product Weight**
0.01 kg

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

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

Powering Business Worldwide

## Features & Functions

Fitted with:

Diode

Light source

Light color

Blue

## General

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

## 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

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

## Electro magnetic compatibility

Radiated RFI

10 V (IEC/EN 61131-2:2008, Level 3)

Radio interference class

Class A (EN 55011)

## Terminal capacities

Terminal capacity (solid)

0.75 - 2.5 mm²

Terminal capacity (stranded)

0.5 - 2.5 mm²

## Electrical rating

### Power consumption

Max. 0.33 W

### Rated insulation voltage (Ui)

500 V

### Rated operational current (Ie) - min

5 mA

### Rated operational current (Ie) - max

15 mA

### Rated operational voltage (Ue) at AC - max

264 V

### Rated operational voltage (Ue) at AC - min

85 V

### Rated operational voltage (Ue) at DC - max

0 V

### Rated operational voltage (Ue) at DC - min

0 V

## Communication

### Connection to SmartWire-DT

No

### Connection type

Base fixing

## Contacts

### Force for positive opening - min

0 N

## Design verification

### Equipment heat dissipation, current-dependent Pvid

0 W

### Heat dissipation capacity Pdiss

0 W

### Heat dissipation per pole, current-dependent Pvid

0 W

### Rated operational current for specified heat dissipation (In)

0 A

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

1 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.

## Resources

### Catalogs

eaton-rmq-titan-brochure-br047004en-en-us.pdf

eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf

Flip catalog - Product Range Catalog - Command and indication

### Declarations of conformity

DA-DC-00004176.pdf

DA-DC-00004135.pdf

DA-DC-00004157.pdf

DA-DC-00004141.pdf

DA-DC-00004180.pdf

DA-DC-00004975.pdf

DA-DC-00004134.pdf

DA-DC-00004971.pdf

### Drawings

eaton-operating-button-symbol-003.eps

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

### eCAD model

ETN.218064.edz

### Installation instructions

IL04716002Z

eaton-operating-devices-rmq-titan-m22-instruction-leaflet-il047018zu.pdf

### Installation videos

RMQ Flat Design

### mCAD model

DA-CS-led_element_cage_boden

DA-CD-led_element_cage_boden

### Multimedia

MCI MultiColor Light Indicator RMQ compact solution

RMQ small E-Stop emergency-stop button

easyE4 SmartWire-DT module with Remote Touch Display and RMQ multi color indicator

MCI Multicolor Light Indicator M22 with SmartWire-DT

### Sales notes

eaton-rmq-flat-enclosure-flyer-fl047003en-en-us.pdf

eaton-rmq-small-e-stop-flyer-fl047006en-en-us.pdf

eaton-control circuit-devices rmq-titan-fl144090en-en-us.pdf

eaton-rmq-mci-multi-color-light-indicator-flyer-fl047005en-en-us.pdf

System overview

Pilot devices - selection aid

Eaton Corporation plc
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Eaton.com

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