Specifications

Eaton 218062

Catalog Number: 218062

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



General specifications

Product Name
Eaton Moeller® series M22 Accessory LED

Catalog Number
218062

EAN
4015082180621

Product Length/Depth
39 mm

Product Height
39 mm

Product Width
10 mm

Product Weight
0.01 kg

Compliances
CE Marked

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

Catalog Notes
Cage Clamp is a registered trademark of

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/DC

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

Terminal capacities

Terminal capacity (solid)

0.75 - 2.5 mm²

Terminal capacity (stranded)

0.5 - 2.5 mm²

Electrical rating

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

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

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.

Resources

Catalogs

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

Flip catalog - Product Range Catalog - Command and indication

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

Declarations of conformity

DA-DC-00004971.pdf

DA-DC-00004180.pdf

DA-DC-00004975.pdf

DA-DC-00004134.pdf

DA-DC-00004157.pdf

DA-DC-00004176.pdf

DA-DC-00004135.pdf

DA-DC-00004141.pdf

Drawings

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

eaton-operating-button-symbol-003.eps

eCAD model

ETN.218062.edz

Installation instructions

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

IL04716002Z

Installation videos

RMQ Flat Design

mCAD model

DA-CD-led_element_cage_boden

DA-CS-led_element_cage_boden

Multimedia

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

MCI Multicolor Light Indicator M22 with SmartWire-DT

RMQ small E-Stop emergency-stop button

MCI MultiColor Light Indicator RMQ compact solution

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

Specifications and datasheets

Eaton Specification Sheet - 218062

System overview

Pilot devices - selection aid

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