Product 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

Model Code
M22-CLEDC-B

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 Wago Kontakttechnik GmbH/Minden, Germany

Powering Business Worldwide

defaultTaxonomyAttributeLabel

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.

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

Certification reports

DA-DC-00004134.pdf

DA-DC-00004176.pdf

DA-DC-00004180.pdf

DA-DC-00004141.pdf

DA-DC-00004135.pdf

DA-DC-00004157.pdf

Declarations of conformity

DA-DC-00004975.pdf

DA-DC-00004971.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-CS-led_element_cage_boden

DA-CD-led_element_cage_boden

Multimedia

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

MCI MultiColor Light Indicator RMQ compact solution

RMQ small E-Stop emergency-stop button

MCI Multicolor Light Indicator M22 with SmartWire-DT

Sales notes

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, constant, to IEC 60068-2-78
Damp heat, cyclic, to IEC 60068-2-30

Connection to SmartWire-DT

No

Rated impulse withstand voltage (Uimp)

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 Pvid

0 W

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

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

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

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

Specifications and datasheets

Eaton Specification Sheet - 218062

System overview

Pilot devices - selection aid

Force for positive opening - min

0 N

Heat dissipation capacity Pdiss

0 W

Heat dissipation per pole, current-dependent Pvid

0 W

Operating torque

0.8 Nm

Rated insulation voltage (Ui)

500 V

Rated operational current (Ie) - max

14 mA

Rated operational current (Ie) - min

5 mA

Rated operational current for specified heat dissipation (In)

0 A

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

Static heat dissipation, non-current-dependent Pvs

0.45 W

Voltage type

AC/DC

Fastening type

Floor fastening

Mounting position

As required

Light color

Blue

Connection type

Base 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 mm²

Shock resistance

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

shock 11 ms

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

Terminal capacity (solid)

0.75 - 2.5 mm²

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