Product specifications

Eaton 216568

Catalog Number: 216568

Eaton Moeller® series M22 LED element, green, base fixing, 85-264VAC



General specifications

Product Name
Eaton Moeller® series M22 Accessory LED

Catalog Number
216568

Model Code
M22-LEDC230-G

EAN
4015082165680

Product Length/Depth
38 mm

Product Height
10 mm

Product Width
37 mm

Product Weight
0.011 kg

Compliances
CE Marked

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

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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

Flip catalog - Product Range Catalog - Command and indication

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

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

Certification reports

DA-DC-00004157.pdf

DA-DC-00004135.pdf

Drawings

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

eaton-operating-button-symbol-004.eps

eCAD model

ETN.216568.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_schraube_boden

DA-CD-led_element_schraube_boden

Multimedia

MCI MultiColor Light Indicator RMQ compact solution

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

RMQ small E-Stop emergency-stop button

MCI Multicolor Light Indicator M22 with SmartWire-DT

Sales notes

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

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

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

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

Specifications and datasheets

Eaton Specification Sheet - 216568

System overview

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:

Light source
Diode

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 (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

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

15 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

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

Static heat dissipation, non-current-dependent Pvs

1 W

Voltage type

AC

Fastening type

Floor fastening

Mounting position

As required

Light color

Green

Connection type

Base fixing

Lamp type

LED

Overvoltage category

III

Connection type (auxiliary circuit)

Screw connection

Degree of protection

IP20

Lamp holder

None

Power consumption

Max. 0.33 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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