

Eaton 218063

Catalog Number: 218063

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



General specifications

Product Name	Catalog Number
Eaton Moeller® series M22 Accessory LED	218063
	Model Code
	M22-CLED230-B
EAN	Product Length/Depth
4015082180638	39 mm
Product Height	Product Width
39 mm	10 mm
Product Weight	Warranty
0.01 kg	Eaton Selling Policy 25-000, one (1) year from the date of installation of the Product or eighteen (18) months from the date of shipment of the Product, whichever occurs first.
Compliances	Certifications
Bureau Veritas	CSA Certified
GoST-R	CCC Marked
CE Marked	Lloyd's Register Certified
	CSA-C22.2 No. 14-05
	CSA Class No.: 3211-03
	UL
	CSA
	IEC/EN 60947-5
	UL File No.: E29184
	CE
	CSA File No.: 012528
	CSA-C22.2 No. 94-91
	IEC 60947-5-1

Type

Light Unit

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.

Brochures

RMQ Titan - brochure

RMQ Flat Enclosure - Flyer

RMQ MCI - Flyer

RMQ Small E-Stop - Flyer

RMQ Titan emergency stop push button - Flyer

Catalogs

Flip catalog - Product Range Catalog - Command and indication

Product Range Catalog Command and Indication Control Circuit Devices, Signal Towers

Eaton's Volume 7—Logic Control, Operator Interface and Connectivity Solutions

Certification reports

DA-DC-00004135.pdf

DA-DC-00004141.pdf

DA-DC-00004134.pdf

DA-DC-00004176.pdf

DA-DC-00004180.pdf

DA-DC-00004157.pdf

Drawings

eaton-operating-actuation-m22-led-element-dimensions.eps

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

eaton-operating-button-symbol-003.eps

eCAD model

ETN.M22-CLED230-B

Installation instructions

IL04716002Z

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

Installation videos

RMQ Flat Design

mCAD model

led_element_cage_front

led_element_cage_front.stp

Multimedia

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

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.

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_{imp})

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

MCI MultiColor Light Indicator RMQ compact solution

MCI Multicolor Light Indicator M22 with SmartWire-DT

RMQ small E-Stop emergency-stop button

Specifications and datasheets

Global Data Sheet - M22-CLED230-B

Eaton Specification Sheet - M22-CLED230-B

System overview

Pilot devices - selection aid

Equipment heat dissipation, current-dependent P_{vid}

0 W

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

15 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

264 V

Rated operational voltage (U_e) at AC - min

85 V

Rated operational voltage (U_e) at DC - max

0 V

Rated operational voltage (U_e) at DC - min

0 V

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

1 W

Voltage type

AC

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. 0.33 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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