

Eaton 218057

Catalog Number: 218057

Eaton Moeller® series M22 Light element, LED, blue, front mount, 12-30VAC/DC, screw connection



General specifications

Product Name	Catalog Number
Eaton Moeller® series M22 Accessory LED	218057
	EAN
	4015082180577
Product Length/Depth	Product Height
38 mm	10 mm
Product Width	Product Weight
37 mm	0.011 kg
Compliances	Certifications
CE Marked	EN 60947-5
	CSA Std. C22.2 No. 14-05
	IEC 60947-5
	UL 508
	CSA Std. C22.2 No. 94-91
	VDE
	IEC/EN 60947-5
	UL File No.: E29184
	UL Category Control No.: NKCR
	CSA Class No.: 3211-03
	CSA File No.: 012528
	IEC 60947-5-1
	CSA
	UL
	CE
	CSA-C22.2 No. 14-05
	CSA-C22.2 No. 94-91

Omadused ja funktsioonid

Fitted with:

Light source

Diode

Light color

Blue

Üldist

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

Type

LED lamp

Voltage type

AC/DC

Keskkonningimused, mehaanilised

Mounting position

As required

Shock resistance

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

30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms

Ilmastikutingimused

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, cyclic, to IEC 60068-2-30

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

Klemmide ristlõige

Terminal capacity (solid)

0.75 - 2.5 mm²

Terminal capacity (stranded)

Elektrilised andmed

Power consumption

Max. 0.26 W

Rated insulation voltage (Ui)

0.5 - 2.5 mm²

500 V

Rated operational current (I_e) - min

5 mA

Rated operational current (I_e) - max

14 mA

Rated operational voltage (U_e) at AC - max

30 V

Rated operational voltage (U_e) at AC - min

12 V

Rated operational voltage (U_e) at DC - max

30 V

Rated operational voltage (U_e) at DC - min

12 V

Kommunikatsioon

Connection to SmartWire-DT

No

Connection type

Front fixing

Kontaktid

Force for positive opening - min

0 N

Vastavusavaldus

Equipment heat dissipation, current-dependent P_{vid}

0 W

Heat dissipation capacity P_{diss}

0 W

Heat dissipation per pole, current-dependent P_{vid}

0 W

Rated operational current for specified heat dissipation (I_n)

0 A

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

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

Lisainfo

eCAD model

ETN.218057.edz

Joonised

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

eaton-operating-button-symbol-003.eps

mCAD model

DA-CD-led_element_schraube_front

DA-CS-led_element_schraube_front

Multimedia

RMQ small E-Stop emergency-stop button

Paigaldusjuhised

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

IL04716002Z

System overview

Pilot devices - selection aid

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.



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