

Eaton 216566

Catalog Number: 216566

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



General specifications

Product Name	Catalog Number
Eaton Moeller® series M22 Accessory LED	216566
	EAN
	4015082165666
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. 94-91
	CSA Std. C22.2 No. 14-05
	IEC 60947-5
	UL 508
	VDE
	CSA
	IEC 60947-5-1
	CSA-C22.2 No. 14-05
	UL Category Control No.: NKCR
	CE
	CSA File No.: 012528
	CSA-C22.2 No. 94-91
	CSA Class No.: 3211-03
	UL File No.: E29184
	IEC/EN 60947-5
	UL

Especificações do produto

Rated operational current (Ie) - max

15 mA

Rated operational current for specified heat dissipation (In)

0 A

10.11 Short-circuit rating

Is the panel builder's responsibility. The specifications for the switchgear must be observed.

Lamp holder

None

10.4 Clearances and creepage distances

Meets the product standard's requirements.

10.12 Electromagnetic compatibility

Is the panel builder's responsibility. The specifications for the switchgear must be observed.

Operating torque

0.8 Nm

10.2.5 Lifting

Does not apply, since the entire switchgear needs to be evaluated.

10.2.3.1 Verification of thermal stability of enclosures

Meets the product standard's requirements.

Ambient storage temperature - min

40 °C

Fitted with:

Light source

Diode

Rated operational voltage (Ue) at AC - min

85 V

Force for positive opening - min

0 N

10.8 Connections for external conductors

Is the panel builder's responsibility.

Terminal capacity (stranded)

0.5 - 2.5 mm²

Ambient operating temperature - max

70 °C

Recursos

Desenhos

[eaton-operating-button-symbol-013.eps](#)

eCAD model

[ETN.M22-LEDC230-W](#)

Instruções de instalação

[IL04716002Z](#)

[eaton-operating-devices-rmq-titan-m22-instruction-leaflet-il047018zu.pdf](#)

mCAD model

[DA-CS-led_element_schraube_boden](#)

[DA-CD-led_element_schraube_boden](#)

Relatórios de certificação

[DA-DC-00004157.pdf](#)

[DA-DC-00004135.pdf](#)

System overview

[Pilot devices - selection aid](#)

Climatic proofing

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

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

Color

White

Connection to SmartWire-DT

No

Static heat dissipation, non-current-dependent Pvs

1 W

Lifespan, electrical

100,000 h (at 25°C, according to EN60064)

10.9.3 Impulse withstand voltage

Is the panel builder's responsibility.

Ambient operating temperature - min

-25 °C

10.6 Incorporation of switching devices and components

Does not apply, since the entire switchgear needs to be evaluated.

10.5 Protection against electric shock

Does not apply, since the entire switchgear needs to be evaluated.

Fastening type

Floor fastening

Mounting position

As required

10.13 Mechanical function

The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

10.2.6 Mechanical impact

Does not apply, since the entire switchgear needs to be evaluated.

10.9.4 Testing of enclosures made of insulating material

Is the panel builder's responsibility.

10.3 Degree of protection of assemblies

Does not apply, since the entire switchgear needs to be evaluated.

Heat dissipation per pole, current-dependent Pvid

0 W

Voltage type

AC

Equipment heat dissipation, current-dependent P_{vid}

0 W

Heat dissipation capacity P_{diss}

0 W

Connection type (auxiliary circuit)

Screw connection

Terminal capacity (solid)

0.75 - 2.5 mm²

Power consumption

Max. 0.33 W

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.

Connection type

Base fixing

10.9.2 Power-frequency electric strength

Is the panel builder's responsibility.

Rated operational voltage (U_e) at DC - min

0 V

Overvoltage category

III

Degree of protection

IP20

Light color

White

Rated operational voltage (U_e) at DC - max

0 V

Ambient storage temperature - max

80 °C

Rated operational voltage (U_e) at AC - max

264 V

Pollution degree

3

10.7 Internal electrical circuits and connections

Is the panel builder's responsibility.

Rated impulse withstand voltage (Uimp)

6000 V AC

10.10 Temperature rise

The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.

Lamp type

LED

10.2.2 Corrosion resistance

Meets the product standard's requirements.

Rated operational current (Ie) - min

5 mA

10.2.4 Resistance to ultra-violet (UV) radiation

Meets the product standard's requirements.

10.2.7 Inscriptions

Meets the product standard's requirements.

Shock resistance

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

Rated insulation voltage (Ui)

500 V



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Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

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