

Specifications



Eaton 279389

Eaton Moeller® series M22 Illuminated element, LED, red, front mount, 12 V

General specifications

PRODUCT NAME	Eaton Moeller® series M22 Accessory LED
CATALOG NUMBER	279389
MODEL CODE	M22-LED12-R
EAN	4015082793890
PRODUCT LENGTH/DEPTH	38 mm
PRODUCT HEIGHT	10 mm
PRODUCT WIDTH	37 mm
PRODUCT WEIGHT	0.011 kg
COMPLIANCES	CE
GLOBAL CATALOG	279389

Product specifications

TYPE	LED elements
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	Does not apply, since the entire switchgear needs to

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](#)

DECLARATIONS OF CONFORMITY

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

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

[eaton-accessory-declaration-of-conformity-eu250861en.pdf](#)

[eaton-indicator-light-declaration-of-conformity-eu250862en.pdf](#)

[eaton-pushbutton-declaration-of-conformity-eu250858en.pdf](#)

[eaton-indicator-light-declaration-of-conformity-eu250860en.pdf](#)

DRAWINGS

[eaton-operating-led-m22-led-element-standards.eps](#)

[eaton-operating-button-symbol-006.eps](#)

ECAD MODEL

[ETN.279389.edz](#)

FLYERS

[eaton-rmq-titan-selection-aid-brochure-fl047002-en-us.pdf](#)

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 front](#)

[DA-CD-led element schraube front](#)

MULTIMEDIA

[MCI Multicolor Light Indicator M22 with SmartWire-DT](#)

ASSEMBLIES	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.
FITTED WITH:	Light source Diode
POLLUTION DEGREE	3
CONNECTION TO SMARTWIRE-DT	No
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
RATED OPERATIONAL CURRENT (IE) - MAX	15 mA
RATED OPERATIONAL	15 mA

[MCI MultiColor Light Indicator RMQ compact solution](#)

[RMQ small E-Stop emergency-stop button](#)

[easyE4 SmartWire-DT module with Remote Touch Display and RMQ multi color indicator](#)

SALES NOTES

[eaton-rmq-flat-enclosure-flyer-fl047003en-en-us.pdf](#)

[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](#)

CURRENT (IE) - MIN	
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	0 A
RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX	12 V
RATED OPERATIONAL VOLTAGE (UE) AT AC - MIN	12 V
RATED OPERATIONAL VOLTAGE (UE) AT DC - MAX	12 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	Front fastening
MOUNTING POSITION	As required
LIGHT COLOR	Red
LAMP TYPE	LED
OVERVOLTAGE CATEGORY	III
CONNECTION TYPE (AUXILIARY CIRCUIT)	Screw connection
DEGREE OF PROTECTION	IP20
LAMP HOLDER	None
RADIATED RFI	10 V (IEC/EN 61131-2:2008, Level 3)
RADIO INTERFERENCE CLASS	Class A (EN 55011)
LIFESPAN, ELECTRICAL	100,000 h (at 25°C, according to EN60064)
TERMINAL CAPACITY (STRANDED)	0.5 - 2.5 mm ²

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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