Specifications



Photo is representative

Eaton 218062

Eaton Moeller® series M22 Light element, LED, blue, base fixing, 12-30VAC/DC, spring clamp connection

General specifications	
PRODUCT NAME	Eaton Moeller® series M22 LED element
CATALOG NUMBER	218062
MODEL CODE	M22-CLEDC-B
EAN	4015082180621
PRODUCT LENGTH/DEPTH	39 mm
PRODUCT HEIGHT	39 mm
PRODUCT WIDTH	10 mm
PRODUCT WEIGHT	0.01 kg
COMPLIANCES	CE Marked
CERTIFICATIONS	EN 60947-5 CSA Std. C22.2 No. 14-05 IEC 60947-5 CSA Std. C22.2 No. 94-91 UL 508 VDE CE IEC/EN 60947-5 UL UL Category Control No.: NKCR CSA Class No.: 3211-03 UL File No.: E29184 CSA CSA-C22.2 No. 14-05 CSA-C22.2 No. 94-91 CSA File No.: 012528 IEC 60947-5-1
CATALOG NOTES	Cage Clamp is a registered trademark of Wago Kontakttechnik GmbH/Minden, Germany
GLOBAL CATALOG	218062
PRODUCT TYPE	LED Element

Product specifications

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.
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.

Resources

CATALOGS	eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf
DECLARATIONS OF CONFORMITY	eaton-led-element-declaration-of-conformity-eu260070en.pdf
DRAWINGS	eaton-operating-led-m22-led-element-standards.eps eaton-operating-button-symbol-003.eps
ECAD MODEL	ETN.218062.edz
INSTALLATION INSTRUCTIONS	IL04716002Z
MCAD MODEL	DA-CS-led_element_cage_boden eaton-lampblock-mcad-drawings-led-element-cage-boden.dwg
PEP ECO-PASSPORT	eaton-operating-devices-rmq-titan-m22-il047018zu.pdf eaton-lamp-holder-blocks-pep-eato-00309-v0101-en.pdf
SPECIFICATIONS AND DATASHEETS	Eaton Specification Sheet - 218062

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, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
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	14 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	30 V
RATED OPERATIONAL VOLTAGE (UE) AT AC - MIN	12 V
RATED OPERATIONAL VOLTAGE (UE) AT DC - MAX	30 V
RATED OPERATIONAL	12 V

VOLTAGE (UE) AT DC - MIN	
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0.45 W
VOLTAGE TYPE	AC/DC
FASTENING TYPE	Floor fastening
MOUNTING POSITION	As required
LIGHT COLOR	Blue
CONNECTION TYPE	Base fixing
LAMP TYPE	LED
OVERVOLTAGE CATEGORY	III
CONNECTION TYPE (AUXILIARY CIRCUIT)	Spring clamp connection
DEGREE OF PROTECTION	IP20
LAMP HOLDER	None
POWER CONSUMPTION	Max. 0.26 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

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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