

Eaton 115968

Eaton Moeller® series M22 LED element, for combination with RMQ-Titan operating elements M22-..., Front fixing green

PRODUCT NAME	Eaton Moeller® series M22 LED element
CATALOG NUMBER	115968
PRODUCT LENGTH/DEPTH	45 mm
PRODUCT HEIGHT	42 mm
PRODUCT WIDTH	10 mm
PRODUCT WEIGHT	0.009 kg
CERTIFICATIONS	CSA IEC/EN 61131-2 UL Category Control No.: NKCR CSA File No.: 2324643 CSA Class No.: 3211-07 EN 50178 UL UL File No.: E29184

AIR DISCHARGE	8 kV, according to IEC 61131-2, level 3, ESD
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	Does not apply, since the

DECLARATIONS OF CONFORMITY	eaton-function-element-declaration-of-conformity-uk250989en.pdf
	IL04716004Z2021_10.pdf
	eaton-modular-plc-m22-function-element-wiring-diagram-003.eps
	eaton-operating-function-m22-function-element-dimensions.eps
	eaton-operating-button-symbol-004.eps
	eaton-operating-function-m22-led-element-3d-drawing-002.eps
/	RMQ small E-Stop emergency-stop button

PROTECTION OF ASSEMBLIES	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.
FITTED WITH:	Light source
POLLUTION DEGREE	2
BURST IMPULSE	1 kV, SmartWire-DT cable, according to IEC/EN 61131-2, Level 3 2 kV, Supply cable, according to IEC/EN 61131-2, Level 3
CONNECTION TO SMARTWIRE-DT	Yes
AMBIENT OPERATING TEMPERATURE - MAX	70 °C
AMBIENT OPERATING TEMPERATURE - MIN	-30 °C
AMBIENT STORAGE TEMPERATURE - MIN	-40 °C
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0 W
HEAT DISSIPATION CAPACITY PDISS	0 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0 W
HEIGHT OF FALL (IEC/EN 60068-2-32) - MAX	0.3 m

RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	0 A
RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX	0 V
RATED OPERATIONAL VOLTAGE (UE) AT AC - MIN	0 V
RATED OPERATIONAL VOLTAGE (UE) AT DC - MAX	30 V
RATED OPERATIONAL VOLTAGE (UE) AT DC - MIN	30 V
STATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS	0.3 W
ENVIRONMENTAL CONDITIONS	Condensation: prevent with appropriate measures
VOLTAGE TYPE	DC
FASTENING TYPE	Front fastening
MOUNTING POSITION	As required
LIGHT COLOR	Green
CONNECTION TYPE	SWD: Plug, 8-pole Front fixing
LAMP TYPE	LED
CONNECTION	SmartWire-DT plug connector SWD4-8SF2-5
CONTACT DISCHARGE	4 kV, according to IEC/EN 61131-2, Level 2, ESD
OVERVOLTAGE CATEGORY	Not applicable
CONNECTION TYPE (AUXILIARY CIRCUIT)	Flat plug-in connection
CONSTANT ACCELERATION	1 g, 8.4 - 150 Hz, according to IEC/EN 61131-2, Vibrations
DEGREE OF PROTECTION	IP20
FUNCTIONS	For combination with RMQ-Titan operating elements M22-...
CONSTANT AMPLITUDE	3,5 mm, 5 - 8.4 Hz, according to IEC/EN 61131-2, Vibrations
LAMP HOLDER	None

ELECTROMAGNETIC FIELDS	10 V/m at 80 - 1000 MHz (according to IEC/EN 61131-2:2008) 3 V/m at 1.4 - 2 GHz (according to IEC/EN 61131-2:2008) 1 V/m at 2.0 - 2.7 GHz (according to IEC/EN 61131-2:2008)
RADIATED RFI	10 V (IEC/EN 61131-2:2008, Level 3)
DROP AND TOPPLE	50 mm Drop height, Drop to IEC/EN 60068-2-31
RADIO INTERFERENCE CLASS	Class A (EN 55011)
RELATIVE HUMIDITY	9 - 95 % (non-condensing, IEC/EN 60068-2-30)
LED INDICATOR	Status indication of SmartWire-DT network: Green LED
SHOCK RESISTANCE	15 g, Mechanical, according to IEC/EN 60068-2-27, Half-sinusoidal shock 11 ms, 9 Impacts
STATION	SmartWire-DT slave, SmartWire-DT network

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
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