

## Eaton 231080

Eaton Moeller® series M22 LED element, 85-264VAC, for LED 12-30V

<b>PRODUCT NAME</b>	Eaton Moeller® series M22 Accessory LED
<b>CATALOG NUMBER</b>	231080
<b>PRODUCT LENGTH/DEPTH</b>	37 mm
<b>PRODUCT HEIGHT</b>	30 mm
<b>PRODUCT WIDTH</b>	10 mm
<b>PRODUCT WEIGHT</b>	0.011 kg
<b>COMPLIANCES</b>	CE Marked
<b>CERTIFICATIONS</b>	EN 60947-5 UL 508 IEC 60947-5 CSA Std. C22.2 No. 94-91 CSA Std. C22.2 No. 14-05 VDE UL Category Control No.: NKCR UL UL File No.: E29184 CSA File No.: 012528 CSA Class No.: 3211-03 CSA CSA-C22.2 No. 94-91 CSA-C22.2 No. 14-05 CE IEC/EN 60947-5
<b>CATALOG NOTES</b>	LED test elements

ACCESSORY/SPARE PART TYPE	
	Accessory
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

	<a href="#">DA-DC-00004176.pdf</a>
DECLARATIONS OF CONFORMITY	<a href="#">DA-DC-00004135.pdf</a>
	<a href="#">DA-DC-00004157.pdf</a>
	<a href="#">DA-DC-00004134.pdf</a>
	<a href="#">IL04716009Z</a>
/	<a href="#">RMQ small E-Stop emergency-stop button</a>

<b>PROTECTION OF ASSEMBLIES</b>	entire switchgear needs to be evaluated.
<b>10.4 CLEARANCES AND CREEPAGE DISTANCES</b>	Meets the product standard's requirements.
<b>10.5 PROTECTION AGAINST ELECTRIC SHOCK</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS</b>	Is the panel builder's responsibility.
<b>10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS</b>	Is the panel builder's responsibility.
<b>10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH</b>	Is the panel builder's responsibility.
<b>10.9.3 IMPULSE WITHSTAND VOLTAGE</b>	Is the panel builder's responsibility.
<b>10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL</b>	Is the panel builder's responsibility.
<b>CONNECTION TO SMARTWIRE-DT</b>	No
<b>DEGREE OF PROTECTION</b>	IP20
<b>FUNCTIONS</b>	For de-coupled function test (lamp test)
<b>ELECTRICAL ACCESSORY TYPE</b>	Resistor block
<b>RATED OPERATIONAL VOLTAGE</b>	85 - 264 V AC
<b>MECHANICAL ACCESSORY TYPE</b>	Other
<b>VOLTAGE RATING</b>	85-264 V
<b>AMBIENT OPERATING TEMPERATURE - MAX</b>	70 °C
<b>AMBIENT OPERATING TEMPERATURE - MIN</b>	-25 °C
<b>AMBIENT STORAGE TEMPERATURE - MAX</b>	80 °C
<b>AMBIENT STORAGE TEMPERATURE - MIN</b>	-40 °C
<b>EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID</b>	0 W
<b>FORCE FOR POSITIVE OPENING - MIN</b>	0 N

HEAT DISSIPATION CAPACITY PDISS	0 W
HEAT DISSIPATION PER POLE, CURRENT- DEPENDENT PVID	0 W
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	0 A
STATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS	1 W

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
:



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