Specifications



Eaton 231273

Eaton Moeller® series M22 Guard-ring, emergency switching off, yellow, IP65

General specifications	
PRODUCT NAME	Eaton Moeller® series M22 guard-ring
CATALOG NUMBER	231273
MODEL CODE	M22-XGPV
EAN	4015082312732
PRODUCT LENGTH/DEPTH	79 mm
PRODUCT HEIGHT	50 mm
PRODUCT WIDTH	65 mm
PRODUCT WEIGHT	0.046 kg
COMPLIANCES	CE Marked
CERTIFICATIONS	UL 508 CSA Std. C22.2 No. 14-05 EN 60947-5 CSA Std. C22.2 No. 94-91 IEC 60947-5 VDE UL File No.: E29184 CSA CSA File No.: 012528 CSA Class No.: 3211-03 IEC/EN 60947-5 UL CSA-C22.2 No. 94-91 CE UL Category Control No.: NKCR CSA-C22.2 No. 14-05

Actuator

RAL-NUMBER	1004

Communication

CONNECTION TO SMARTWIRE-DT	No

Climatic environmental conditions

AMBIENT OPERATING TEMPERATURE - MAX	70 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C

Design verification

10.10 TEMPERATURE RISE	Not applicable.
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	Please enquire
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.
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.
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0 W
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	0 W

General information

ACCESSORY/SPARE PART TYPE	Accessory
DEGREE OF PROTECTION	NEMA 13 NEMA 3R IP65 NEMA 4X NEMA 12
PRODUCT CATEGORY	Accessories

Resources

CATALOGUES	eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf
DRAWINGS	eaton-operating-guard-ring-m22-guard-ring-dimensions.eps eaton-operating-button-symbol-008.eps eaton-operating-protective-collar-m22-guard-ring-3d-drawing.eps eaton-operating-guard-ring-m22-guard-ring-3d-drawing.eps
ECAD MODEL	ETN.231273.edz
INSTALLATION INSTRUCTIONS	IL047160002Z
MCAD MODEL	eaton-accessory-mcad-drawings-not-aus-schutzkragen.dwg eaton-accessory-mcad-3d-models-m22-xgpv.stp

PEP ECO-PASSPORT	eaton-rmq-titan-m22-m30-emergency-stop-il047025zu.pdf

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:

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