Specifications



Eaton 231274

Eaton Moeller® series M22 Guard-ring, selector switch

General specifications

PRODUCT NAME	Eaton Moeller® series M22 guard-ring
CATALOG NUMBER	231274
MODEL CODE	M22-XGWK
EAN	4015082312749
PRODUCT LENGTH/DEPTH	25 mm
PRODUCT HEIGHT	36 mm
PRODUCT WIDTH	36 mm
PRODUCT WEIGHT	0.006 kg
COMPLIANCES	CE Marked
CERTIFICATIONS	CSA Std. C22.2 No. 94-91 IEC 60947-5 EN 60947-5 UL 508 CSA Std. C22.2 No. 14-05 VDE CE UL Category Control No.: NKCR IEC/EN 60947-5 CSA Class No.: 3211-03 CSA-C22.2 No. 14-05 CSA-C22.2 No. 94-91 CSA File No.: 012528 UL File No.: E29184 CSA UL

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Actuator

FUNCTIONS	To protect against accidental operation

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 12 NEMA 13 NEMA 3R IP66 NEMA 4X
USED WITH	Pushbutton and selector switch actuators

Resources

CATALOGUES	eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf
DRAWINGS	eaton-operating-m22-guard-ring-dimensions.eps
ECAD MODEL	ETN.231274.edz
INSTALLATION INSTRUCTIONS	IL04716002Z
MCAD MODEL	eaton-accessory-mcad-drawings-schutzkragen-wahltaste.dwg

DA-CS-schutzkragen_wahltaste

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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