Specifications





Eaton EP-401628

Eaton Moeller® series M22 Surface mounting enclosure, 1 mounting location, for M22-AI

General specifications	
PRODUCT NAME	Eaton Moeller® series M22 advanced Indicator
CATALOG NUMBER	EP-401628
MODEL CODE	M22-I1-AI
EAN	4015082971939
PRODUCT LENGTH/DEPTH	56 mm
PRODUCT HEIGHT	80 mm
PRODUCT WIDTH	120 mm
PRODUCT WEIGHT	0.197 kg
CERTIFICATIONS	CE IEC/EN 60947-5-1

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	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.

Resources

FLYERS	eaton-rmq-titan-adv-ind-flyer-fl047016en-us.pdf
INSTALLATION INSTRUCTIONS	Eaton Rmq-Titan Advanced Indicator Il047034zu.pdf
INSTALLATION VIDEOS	RMQ-Titan Advanced Indicator
MANUALS AND USER GUIDES	eaton-rmq-titan-advanced-indicator-mn-v1-00-en-us.html
MCAD MODEL	eaton-pushbutton-control-station-mcad-3d-models-m22-i1-ai.stp eaton-pushbutton-control-station-mcad-drawings-m22-i1-ai.dwg
SOFTWARE, FIRMWARE, AND APPLICATIONS	eaton-rmq-titan-advanced-indicator-configurator-v1-0-33.zip

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:	High-grade steel screws
CONNECTION TO SMARTWIRE-DT	No
ENCLOSURE MATERIAL	Plastic
ENCLOSURE TYPE	Surface mounting housing
AMBIENT OPERATING TEMPERATURE - MAX	70 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
NUMBER OF COMMAND POSITIONS	1
NUMBER OF LOCATIONS	1
ENCLOSURE COLOR	Gray
MATERIAL QUALITY	Other
OPENING DIAMETER	22.5 mm
RAL-NUMBER	7035
DEGREE OF PROTECTION	IP67/IP69K NEMA 12 NEMA 3R NEMA 4X NEMA 13
KNOCKOUTS	1 x M20 (cable entry knockout at the top) 2 x M20/25 (cable entry knockout at the side, 1 x each side) 2 x M20 (cable entry knockouts at the rear)
ENCLOSURE COVER COLOR	Gray

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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