Specifications







Eaton 216535

Eaton Moeller® series M22 Surface mounting enclosure, 1 mounting location

General specifications	
PRODUCT NAME	Eaton Moeller® series M22 surface mounting enclosure
CATALOG NUMBER	216535
MODEL CODE	M22-I1
EAN	4015082165352
PRODUCT LENGTH/DEPTH	74 mm
PRODUCT HEIGHT	72 mm
PRODUCT WIDTH	82 mm
PRODUCT WEIGHT	0.134 kg
CERTIFICATIONS	CSA-C22.2 No. 14-05 UL CSA File No.: 012528 CSA-C22.2 No. 94-91 UL File No.: E29184 CE IEC/EN 60947-5 CSA CSA Class No.: 3211-03 UL 508 UL Category Control No.: NKCR

Climatic environmental conditions

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

Contacts

FORCE FOR POSITIVE OPENING - MIN	0 N

Communication

CONNECTION TO SMARTWIRE-DT	No

Design verification

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	Does not apply, since the

SWITCHING DEVICES AND COMPONENTS	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.

Enclosure details

ENCLOSURE COLOR	Gray
ENCLOSURE MATERIAL	Plastic
ENCLOSURE TYPE	Surface mounting housing

Features & functions

FITTED WITH:	High-grade steel screws
KNOCKOUTS	2 x M16 (cable entry knockouts at the rear) 1 x M20 (cable entry knockout at the top) 2 x M20/25 (cable entry knockout at the side, 1 x each side)
NUMBER OF COMMAND POSITIONS	1
NUMBER OF LOCATIONS	1
RAL-NUMBER	7035

General information

DEGREE OF PROTECTION	NEMA 12 IP67/IP69K
OPENING DIAMETER	22.5 mm

Resources

CATALOGUES	eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf
DRAWINGS	eaton-operating-surface-mounting-m22-accessory-dimensions-003.eps eaton-general-totally-insulated-t0-main-switch-symbol.eps eaton-operating-button-symbol-007.eps eaton-operating-surface-mounting-m22-accessory-3d-drawing-005
ECAD MODEL	ETN.216535.edz
INSTALLATION INSTRUCTIONS	IL04716003Z
MCAD MODEL	eaton-pushbutton-control-stations-mcad-3d-models-m22-i1.stp eaton-aufbaugehaeuse-gr1-3d-model.stp

PEP ECO-PASSPORT	eaton-pushbutton-control-stations-pep-eato-00299-v0101-en.pdf

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

Eaton Corporation plc Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

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