

Specifications

Eaton 216540



Photo is representative

Eaton Moeller® series M22 Surface mounting enclosure, 6 mounting locations

General specifications

PRODUCT NAME	Eaton Moeller® series M22 surface mounting enclosure
CATALOG NUMBER	216540
MODEL CODE	M22-I6
EAN	4015082165406
PRODUCT LENGTH/DEPTH	80 mm
PRODUCT HEIGHT	56 mm
PRODUCT WIDTH	252 mm
PRODUCT WEIGHT	0.362 kg
COMPLIANCES	CE Marked
CERTIFICATIONS	CSA Std. C22.2 No. 94-91 UL 508 CSA Std. C22.2 No. 14-05 IEC 60947-5 EN 60947-5 VDE CSA File No.: 012528 CSA Class No.: 3211-03 UL UL Category Control No.: NKCR IEC/EN 60947-5 CE CSA-C22.2 No. 14-05 CSA-C22.2 No. 94-91 CSA UL File No.: E29184

Climatic environmental conditions

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

FORCE FOR POSITIVE OPENING - MIN	0 N
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Communication

CONNECTION TO SMARTWIRE-DT	No
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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 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.

Enclosure details	
ENCLOSURE COLOR	Gray
ENCLOSURE MATERIAL	Plastic
ENCLOSURE TYPE	Surface mounting housing

Features & functions	
COLOR	Gray
FITTED WITH:	High-grade steel screws
KNOCKOUTS	2 x M20/25 (cable entry knockout at the side, 1 x each side) 2 x M20 (cable entry knockouts at the top) 2 x M20 (cable entry knockouts at the rear)
NUMBER OF COMMAND POSITIONS	6
NUMBER OF LOCATIONS	6
RAL-NUMBER	7035

General information	
ACCESSORIES	High-grade steel screws
DEGREE OF PROTECTION	IP66 NEMA 3R
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-006.eps
	eaton-operating-button-symbol-007.eps
	eaton-operating-surface-mounting-m22-accessory-3d-drawing-006.eps
	eaton-general-totally-insulated-t0-main-switch-symbol.eps
ECAD MODEL	ETN.216540.edz
INSTALLATION INSTRUCTIONS	IL04716003Z
MCAD MODEL	eaton-enclosure-mcad-drawings-aufbauehaeuse-gr-6.dwg
	eaton-aufbauehaeuse-gr6-3d-model.stp
	eaton-pushbutton-control-stations-mcad-3d-models-m22-i6.stp
	eaton-enclosure-mcad-drawings-aufbauehaeuse-gr6.dwg
PEP ECO-PASSPORT	eaton-pushbutton-control-stations-pep-eato-00299-v0101-en.pdf

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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