

Specifications



Eaton 197233

Eaton Moeller® series M22 Surface mounting enclosure, flat, 3 mounting locations, M22

General specifications

PRODUCT NAME	Eaton Moeller® series M22 flat surface mounting enclosure
CATALOG NUMBER	197233
MODEL CODE	M22-FI3
EAN	4015080893042
PRODUCT LENGTH/DEPTH	223 mm
PRODUCT HEIGHT	44 mm
PRODUCT WIDTH	43 mm
PRODUCT WEIGHT	0.166 kg
CERTIFICATIONS	CSA Class No.: 3211-03 CSA file No. 012528 IEC/EN 60947-5 UL 508 CSA-C22.2 No. 14-05 CSA-C22.2 No. 94-91 CE marking UL Category Control No.: NKCR UL File No.: E29184 UL Listed CSA certified



Powering Business Worldwide

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.
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0 W
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W

Enclosure details

ENCLOSURE COLOR	Gray
ENCLOSURE MATERIAL	Plastic
ENCLOSURE TYPE	Surface mounting housing

Features & functions

FITTED WITH:	High-grade steel screws
KNOCKOUTS	1 x M20 (cable entry knockouts at the rear) 2 x M20 (cable entry knockout at the side, 1 x each side)
NUMBER OF COMMAND POSITIONS	3
NUMBER OF LOCATIONS	3
RAL-NUMBER	7035

General information

DEGREE OF PROTECTION	NEMA 4X IP67/IP69K
MOUNTING POSITION	As required
OPENING DIAMETER	22.5 mm
PRODUCT CATEGORY	RMQ-Titan

Resources

CATALOGUES	eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf
DRAWINGS	eaton-operating-m22-accessory-dimensions-003.eps eaton-operating-m22-accessory-dimensions-005.eps eaton-operating-button-symbol-007.eps eaton-operating-m22-accessory-3d-drawing-016.eps
ECAD MODEL	ETN.197233.edz
INSTALLATION INSTRUCTIONS	IL047023ZU DA-CS-m22_fi3
MCAD MODEL	eaton-pushbutton-control-stations-mcad-drawings-m22-fi3.dwg

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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