

Specifications



Photo is representative

Eaton 216536

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

General specifications

PRODUCT NAME	Eaton Moeller® series M22 surface mounting enclosure
CATALOG NUMBER	216536
MODEL CODE	M22-IY1
EAN	4015082165369
PRODUCT LENGTH/DEPTH	80 mm
PRODUCT HEIGHT	56 mm
PRODUCT WIDTH	72 mm
PRODUCT WEIGHT	0.136 kg
CERTIFICATIONS	CSA File No.: 012528 CE CSA-C22.2 No. 14-05 CSA-C22.2 No. 94-91 UL UL Category Control No.: NKCR IEC/EN 60947-5 UL File No.: E29184 UL 508 CSA CSA Class No.: 3211-03



Powering Business Worldwide

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 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	Yellow
ENCLOSURE MATERIAL	Plastic
ENCLOSURE TYPE	Surface mounting housing

General information

DEGREE OF PROTECTION	NEMA 13 IP67/IP69K
OPENING DIAMETER	22.5 mm

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	1004

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-operating-surface-mounting-m22-accessory-3d-drawing-005
	eaton-general-totally-insulated-t0-main-switch-symbol.eps
	eaton-operating-button-symbol-008.eps
ECAD MODEL	ETN.216536.edz
INSTALLATION INSTRUCTIONS	IL04716003Z
MCAD MODEL	eaton-pushbutton-control-stations-mcad-3d-models-m22-iy1.stp
	eaton-aufbauehaeuse-gr1-3d-model.stp
	eaton-enclosure-mcad-drawings-aufbauehaeuse-gr1.dwg
	eaton-enclosure-mcad-drawings-aufbauehaeuse-gr-1.dwg
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

© 2026 Eaton. All Rights Reserved.

Follow us on social media to get the latest product and support information.

