

Eaton 216537

Catalog Number: 216537

Eaton Moeller® series M22 Surface mounting enclosure, 2 mounting locations

General specifications

Product Name	Catalog Number
Eaton Moeller® series M22 Accessory Surface mounting enclosure	216537
	Model Code
	M22-I2
EAN	Product Length/Depth
4015082165376	80 mm
Product Height	Product Width
56 mm	120 mm
Product Weight	Certifications
.197 kg	UL 508 CSA File No.: 012528 CSA CE UL Category Control No.: NKCR CSA-C22.2 No. 94-91 IEC/EN 60947-5 UL UL File No.: E29184 CSA Class No.: 3211-03 CSA-C22.2 No. 14-05

Product specifications

10.11 Short-circuit rating

Is the panel builder's responsibility. The specifications for the switchgear must be observed.

Enclosure color

Gray

Opening diameter

22.5 mm

RAL-number

7035

10.4 Clearances and creepage distances

Meets the product standard's requirements.

10.12 Electromagnetic compatibility

Is the panel builder's responsibility. The specifications for the switchgear must be observed.

10.2.5 Lifting

Does not apply, since the entire switchgear needs to be evaluated.

Material quality

Other

10.2.3.1 Verification of thermal stability of enclosures

Meets the product standard's requirements.

Fitted with:

High-grade steel screws

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.

Force for positive opening - min

0 N

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.

Degree of protection

IP67/IP69K

Resources

Brochures

[RMQ Titan - brochure](#)

[RMQ Small E-Stop - Flyer](#)

[RMQ MCI - Flyer](#)

[RMQ Titan emergency stop push button - Flyer](#)

[RMQ Flat Enclosure - Flyer](#)

Catalogs

[Flip catalog - Product Range Catalog - Command and indication](#)

[Product Range Catalog Command and Indication Control Circuit Devices, Signal Towers](#)

Certification reports

[DA-DC-00004135.pdf](#)

[DA-DC-00004157.pdf](#)

Drawings

[eaton-operating-surface-mounting-m22-accessory-dimensions-004.eps](#)

[116X171](#)

[116I147](#)

[eaton-operating-surface-mounting-m22-accessory-3d-drawing-003.eps](#)

[eaton-operating-button-symbol-007.eps](#)

[000Z083](#)

[eaton-general-totally-insulated-t0-main-switch-symbol.eps](#)

[116C062](#)

Installation instructions

[IL04716003Z](#)

Specifications and datasheets

[Eaton Specification Sheet - 216537](#)

NEMA 4X

Enclosure type

Surface mounting housing

Ambient operating temperature - max

70 °C

10.7 Internal electrical circuits and connections

Is the panel builder's responsibility.

10.10 Temperature rise

The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.

Connection to SmartWire-DT

No

Number of command positions

2

10.9.3 Impulse withstand voltage

Is the panel builder's responsibility.

Enclosure material

Plastic

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)

Ambient operating temperature - min

-25 °C

10.2.2 Corrosion resistance

Meets the product standard's requirements.

10.6 Incorporation of switching devices and components

Does not apply, since the entire switchgear needs to be evaluated.

10.2.4 Resistance to ultra-violet (UV) radiation

Please enquire

10.2.7 Inscriptions

Meets the product standard's requirements.

10.5 Protection against electric shock

Does not apply, since the entire switchgear needs to be evaluated.

Number of locations

2

10.13 Mechanical function

The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

10.2.6 Mechanical impact

Does not apply, since the entire switchgear needs to be evaluated.

10.9.4 Testing of enclosures made of insulating material

Is the panel builder's responsibility.

10.3 Degree of protection of assemblies

Does not apply, since the entire switchgear needs to be evaluated.



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