

Specifications



Eaton 216537

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

General specifications

PRODUCT NAME	Eaton Moeller® series M22 Accessory Surface mounting enclosure
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CATALOG NUMBER	216537
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MODEL CODE	M22-I2
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EAN	4015082165376
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PRODUCT LENGTH/DEPTH	80 mm
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PRODUCT HEIGHT	56 mm
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PRODUCT WIDTH	120 mm
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PRODUCT WEIGHT	0.197 kg
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CERTIFICATIONS	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
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GLOBAL CATALOG	216537
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Powering Business Worldwide

Product specifications

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.

Resources

CATALOGS

[eaton-rmq-titan-brochure-br047004en-en-us.pdf](#)

[eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf](#)

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

DRAWINGS

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

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

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

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

ECAD MODEL

[ETN.216537.edz](#)

FLYERS

[eaton-rmq-titan-selection-aid-brochure-fl047002-en-us.pdf](#)

INSTALLATION INSTRUCTIONS

[IL04716003Z](#)

INSTALLATION VIDEOS

[RMQ Flat Design](#)

[DA-CS-aufbauehaeuse_gr_2](#)

[eaton-aufbauehaeuse-gr2-drawing.dwg](#)

MCAD MODEL

[eaton-aufbauehaeuse-gr2-3d-model.stp](#)

[DA-CD-aufbauehaeuse_gr_2](#)

MULTIMEDIA

[MCI Multicolor Light Indicator M22 with SmartWire-DT](#)

[easyE4 SmartWire-DT module with Remote Touch Display and RMQ multi color indicator](#)

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.
FITTED WITH:	High-grade steel screws
CONNECTION TO SMARTWIRE-DT	No
ENCLOSURE MATERIAL	Plastic
ENCLOSURE TYPE	Surface mounting housing
AMBIENT OPERATING TEMPERATURE - MAX	70 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
FORCE FOR POSITIVE OPENING - MIN	0 N
NUMBER OF COMMAND POSITIONS	2
NUMBER OF LOCATIONS	2
ENCLOSURE COLOR	Gray
MATERIAL QUALITY	Other
OPENING DIAMETER	22.5 mm
RAL-NUMBER	7035
DEGREE OF PROTECTION	IP67/IP69K NEMA 4X
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)

	MCI MultiColor Light Indicator RMQ compact solution
	RMQ small E-Stop emergency-stop button
	eaton-rmq-mci-multi-color-light-indicator-flyer-fl047005en-en-us.pdf
	eaton-rmq-flat-enclosure-flyer-fl047003en-en-us.pdf
	eaton-rmq-small-e-stop-flyer-fl047006en-en-us.pdf
	eaton-control circuit-devices rmq-titan-fl144090en-en-us.pdf
SALES NOTES	

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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

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