

# Specifications

## Eaton 216540

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



Photo is representative

### General specifications

<b>PRODUCT NAME</b>	Eaton Moeller® series M22 Accessory Surface mounting enclosure
<b>CATALOG NUMBER</b>	216540
<b>MODEL CODE</b>	M22-I6
<b>EAN</b>	4015082165406
<b>PRODUCT LENGTH/DEPTH</b>	80 mm
<b>PRODUCT HEIGHT</b>	56 mm
<b>PRODUCT WIDTH</b>	252 mm
<b>PRODUCT WEIGHT</b>	0.362 kg
<b>COMPLIANCES</b>	CE Marked
<b>CERTIFICATIONS</b>	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
<b>GLOBAL CATALOG</b>	216540



Powering Business Worldwide

## Product specifications

<b>ACCESSORIES</b>	High-grade steel screws
<b>10.10 TEMPERATURE RISE</b>	The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
<b>10.11 SHORT-CIRCUIT RATING</b>	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
<b>10.12 ELECTROMAGNETIC COMPATIBILITY</b>	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
<b>10.13 MECHANICAL FUNCTION</b>	The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.
<b>10.2.2 CORROSION RESISTANCE</b>	Meets the product standard's requirements.
<b>10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES</b>	Meets the product standard's requirements.
<b>10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT</b>	Meets the product standard's requirements.
<b>10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS</b>	Meets the product standard's requirements.
<b>10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION</b>	Please enquire
<b>10.2.5 LIFTING</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.2.6 MECHANICAL IMPACT</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.2.7 INSCRIPTIONS</b>	Meets the product standard's requirements.
<b>10.3 DEGREE OF PROTECTION OF ASSEMBLIES</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.4 CLEARANCES AND CREEPAGE DISTANCES</b>	Meets the product standard's requirements.

## Resources

	<a href="#">eaton-rmq-titan-brochure-br047004en-en-us.pdf</a>
	<a href="#">eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf</a>
CATALOGS	<a href="#">Flip catalog - Product Range Catalog - Command and indication</a>
	<a href="#">eaton-operating-surface-mounting-m22-accessory-dimensions-006.eps</a>
DRAWINGS	<a href="#">eaton-general-totally-insulated-t0-main-switch-symbol.eps</a>
	<a href="#">eaton-operating-button-symbol-007.eps</a>
	<a href="#">eaton-operating-surface-mounting-m22-accessory-3d-drawing-006.eps</a>
ECAD MODEL	<a href="#">ETN.216540.edz</a>
FLYERS	<a href="#">eaton-rmq-titan-selection-aid-brochure-fl047002-en-us.pdf</a>
INSTALLATION INSTRUCTIONS	<a href="#">IL04716003Z</a>
INSTALLATION VIDEOS	<a href="#">RMQ Flat Design</a>
	<a href="#">eaton-aufbauehaeuse-gr6-drawing.dwg</a>
	<a href="#">DA-CS-aufbauehaeuse_gr_6</a>
MCAD MODEL	<a href="#">DA-CD-aufbauehaeuse_gr_6</a>
	<a href="#">eaton-aufbauehaeuse-gr6-3d-model.stp</a>
	<a href="#">easyE4 SmartWire-DT module with Remote Touch Display and RMQ multi color indicator</a>
MULTIMEDIA	<a href="#">RMQ small E-Stop emergency-stop button</a>
	<a href="#">MCI Multicolor Light Indicator M22 with SmartWire-DT</a>

<b>10.5 PROTECTION AGAINST ELECTRIC SHOCK</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS</b>	Is the panel builder's responsibility.
<b>10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS</b>	Is the panel builder's responsibility.
<b>10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH</b>	Is the panel builder's responsibility.
<b>10.9.3 IMPULSE WITHSTAND VOLTAGE</b>	Is the panel builder's responsibility.
<b>10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL</b>	Is the panel builder's responsibility.
<b>FITTED WITH:</b>	High-grade steel screws
<b>CONNECTION TO SMARTWIRE-DT</b>	No
<b>ENCLOSURE MATERIAL</b>	Plastic
<b>ENCLOSURE TYPE</b>	Surface mounting housing
<b>AMBIENT OPERATING TEMPERATURE - MAX</b>	70 °C
<b>AMBIENT OPERATING TEMPERATURE - MIN</b>	-25 °C
<b>FORCE FOR POSITIVE OPENING - MIN</b>	0 N
<b>NUMBER OF COMMAND POSITIONS</b>	6
<b>NUMBER OF LOCATIONS</b>	6
<b>ENCLOSURE COLOR</b>	Gray
<b>MATERIAL QUALITY</b>	Other
<b>OPENING DIAMETER</b>	22.5 mm
<b>RAL-NUMBER</b>	7035
<b>COLOR</b>	Gray
<b>NUMBER OF POSITIONS</b>	6
<b>DEGREE OF PROTECTION</b>	IP66 NEMA 3R
<b>KNOCKOUTS</b>	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)

	<a href="#">MCI MultiColor Light Indicator RMQ compact solution</a>
PEP ECO-PASSPORT	<a href="#">eaton-pushbutton-control-stations-pep-eato-00299-v0101-en.pdf</a>
	<a href="#">eaton-rmq-small-e-stop-flyer-fl047006en-en-us.pdf</a>
	<a href="#">eaton-rmq-flat-enclosure-flyer-fl047003en-en-us.pdf</a>
SALES NOTES	<a href="#">eaton-control-circuit-devices-rmq-titan-fl144090en-en-us.pdf</a>
	<a href="#">eaton-rmq-mci-multi-color-light-indicator-flyer-fl047005en-en-us.pdf</a>

---

**PROJECT NAME:**

**PROJECT NUMBER:**

**PREPARED BY:**

**DATE:**

---



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

© 2025 Eaton. All Rights Reserved.

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

