

## Eaton 216539

Eaton Moeller® series M22 Surface  
mounting enclosure, 4 mounting locations

<b>PRODUCT NAME</b>	Eaton Moeller® series M22 Accessory Surface mounting enclosure
<b>CATALOG NUMBER</b>	216539
<b>PRODUCT LENGTH/DEPTH</b>	80 mm
<b>PRODUCT HEIGHT</b>	56 mm
<b>PRODUCT WIDTH</b>	186 mm
<b>PRODUCT WEIGHT</b>	0.279 kg
<b>CERTIFICATIONS</b>	CSA-C22.2 No. 14-05 UL 508 CSA Class No.: 3211-03 CSA CSA File No.: 012528 CSA-C22.2 No. 94-91 UL UL Category Control No.: NKCR CE UL File No.: E29184 IEC/EN 60947-5

<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>MCAD MODEL</b>	<a href="#">eaton-aufbaueghaeuse-gr4-3d-model.stp</a>
	<a href="#">eaton-aufbaueghaeuse-gr4-drawing.dwg</a>
	<a href="#">IL04716003Z</a>
	<a href="#">eaton-operating-surface-mounting-m22-accessory-dimensions-002.eps</a>
	<a href="#">eaton-operating-surface-mounting-m22-accessory-3d-drawing.eps</a>
	<a href="#">eaton-operating-button-symbol-007.eps</a>
<b>/</b>	<a href="#">RMQ small E-Stop emergency-stop button</a>

<b>10.4 CLEARANCES AND CREEPAGE DISTANCES</b>	Meets the product standard's requirements.
<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>	4
<b>NUMBER OF LOCATIONS</b>	4
<b>ENCLOSURE COLOR</b>	Gray
<b>MATERIAL QUALITY</b>	Other
<b>OPENING DIAMETER</b>	22.5 mm
<b>RAL-NUMBER</b>	7035
<b>DEGREE OF PROTECTION</b>	NEMA 3R IP67/IP69K
<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)

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
:



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