

Surface mounting enclosure, 1 mounting location

Part no. M22-I1
216535
EL Number 4355383
(Norway)

General specifications		
Product name		Eaton Moeller® series M22 Accessory Surface mounting enclosure
Part no.		M22-I1
EAN		4015082165352
Product Length/Depth		74 millimetre
Product height		72 millimetre
Product width		82 millimetre
Product weight		0.134 kilogram
Certifications		CSA-C22.2 No. 14-05 CSA Class No.: 3211-03 UL Category Control No.: NKCR CSA File No.: 012528 UL 508 IEC/EN 60947-5 UL File No.: E29184 CSA CE CSA-C22.2 No. 94-91 UL
Product Tradename		M22
Product Type		Accessory
Product Sub Type		Surface mounting enclosure
Features & Functions		
Enclosure color		Gray
Enclosure material		Plastic
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 locations		1
RAL-number		7035
General information		
Degree of protection		NEMA 12 IP67/IP69K
Opening diameter		22.5 mm
Climatic environmental conditions		
Ambient operating temperature - min		-25 °C
Ambient operating temperature - max		70 °C
Communication		
Connection to SmartWire-DT		No
Contacts		
Force for positive opening - min		0 N
Design verification		
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.
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.

Technical data ETIM 8.0

Low-voltage industrial components (EG000017) / Enclosure for control circuit devices (EC000200)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Housing for command and alarm devices
(ecl@ss10.0.1-27-37-12-05 [AKF023014])

Number of command positions			1
Construction type housing			Surface mounting housing
Material housing			Plastic
Housing material quality			Other
Diameter openings		mm	22.5
Colour housing cover			Grey
Degree of protection (IP)			IP67/IP69K
Degree of protection (NEMA)			12
Width		mm	82
Height		mm	72
Depth		mm	74