

Surface mounting enclosure, black, red cover



Part no. **M22-SOL-IR1Q**
150646

General specifications		
Product name		Eaton Moeller® series M22 Accessory Surface mounting enclosure
Part no.		M22-SOL-IR1Q
EAN		4015081469581
Product Length/Depth		56 millimetre
Product height		80 millimetre
Product width		72 millimetre
Product weight		0.136 kilogram
Compliances		CE
Product Tradename		M22
Product Type		Accessory
Product Sub Type		Surface mounting enclosure
Catalog Notes		black with red cover
Features & Functions		
Enclosure color		Red
Enclosure material		Plastic
Functions		For mounting the PV off switch
General information		
Degree of protection		IP67/IP69K NEMA 4X
Opening diameter		22.5 mm
Product category		Accessories
Climatic environmental conditions		
Ambient operating temperature - min		-25 °C
Ambient operating temperature - max		70 °C
Design verification		
Equipment heat dissipation, current-dependent P _{vid}		0 W
Heat dissipation capacity P _{diss}		1 W
Heat dissipation per pole, current-dependent P _{vid}		0 W
Rated operational current for specified heat dissipation (I _n)		0 A
Static heat dissipation, non-current-dependent P _{vs}		0 W
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 9.0

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@ss13-27-37-12-05 [AKF023019])			
Number of command positions			1
Construction type housing			Surface mounted housing
Housing material			Plastic
Housing material quality			Other
Diameter openings		mm	22.5
Colour housing cover			Red
Degree of protection (IP)			IP67/IP69K
Degree of protection (NEMA)			4X
Width		mm	72
Height		mm	80
Depth		mm	56