

**Housing, Pushbutton actuators, Enclosure, momentary, 2 NC, 2 N/O,
Screw connection, Number of locations 2, Grey, inscribed, Bezel:
titanium**

**Part no. M22-I2-M1
216529
EL Number 4355302
(Norway)**

Product name	Eaton Moeller® series M22 Housing
Part no.	M22-I2-M1
EAN	4015082165291
Product Length/Depth	80 millimetre
Product height	70 millimetre
Product width	120 millimetre
Product weight	0.255 kilogram
Compliances	CE Marked
Certifications	CSA Std. C22.2 No. 14-05 CSA Std. C22.2 No. 94-91 UL 508 EN 60947-5 VDE IEC 60947-5 CSA-C22.2 No. 14-05 VDE 0660 UL CSA Class No.: 3211-03 CSA-C22.2 No. 94-91 UL Category Control No.: NKCR IEC/EN 60947-5 UL File No.: E29184 CSA CE CSA File No.: 012528 IEC/EN 60947
Product Tradename	M22
Product Type	Housing
Product Sub Type	None
Catalog Notes	Contacts with safety function, by positive opening to IEC/EN 60947-5-1
Bezel color	Titanium
Color	Light gray
Design	Enclosure
Enclosure color	Gray
Enclosure material	Plastic
Inscription	Inscribed
Knockouts	1 x M20 (cable entry knockout at the side) 2 x M25/20 (cable entry knockouts at the side) 2 x M20 (cable entry knockouts at the base)
Number of locations	2
RAL-number	7035
Degree of protection	IP67/IP69K NEMA 4X, 13
Lifespan	5,000,000 mechanical Operations
Operating frequency	3600 Operations/h
Product category	RMQ-Titan
Size	Front dimensions: 120 x 80 mm
Type	Pushbutton actuator
Mounting position	As required
Shock resistance	Mechanical, According to IEC/EN 60068-2-27 30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms

Ambient operating temperature - min		-25 °C
Ambient operating temperature - max		70 °C
Climatic proofing		Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Rated control supply voltage (Us) at AC, 50 Hz - min		115 V
Rated control supply voltage (Us) at AC, 50 Hz - max		500 V
Rated control supply voltage (Us) at AC, 60 Hz - min		115 V
Rated control supply voltage (Us) at AC, 60 Hz - max		500 V
Rated control supply voltage (Us) at DC - min		24 V
Rated control supply voltage (Us) at DC - max		220 V
Rated conditional short-circuit current (Iq)		1 kA
Connection to SmartWire-DT		No
Connection type		Screw connection
Actuating force		5 N
Actuator color		Green, red
Actuator function		Momentary
Actuator travel and actuation force (DIN EN 60947-5-1)		4.8 mm
Knob travel		5.7 mm
Force for positive opening - min		15 N
Number of contacts (change-over contacts)		0
Number of contacts (normally closed contacts)		2
Number of contacts (normally open contacts)		2
Equipment heat dissipation, current-dependent Pvid		0 W
Heat dissipation capacity Pdis		0 W
Heat dissipation per pole, current-dependent Pvid		0.11 W
Rated operational current for specified heat dissipation (In)		6 A
Static heat dissipation, non-current-dependent Pvs		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.

Technical data ETIM 8.0

Low-voltage industrial components (EG000017) / Control circuit devices combination in enclosure (EC000225)			
Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Command and alarm device combination in housing (ecl@ss10.0.1-27-37-12-16 [AKF034014])			
Number of command positions			2
Number of push buttons			2
Number of indicator lights			0
Number of key switches			0
Number of selector switches			0
Number of mushroom-shaped push-buttons			0
Suitable for emergency stop			No
Rated control supply voltage Us at AC 50HZ		V	115 - 500
Rated control supply voltage Us at AC 60HZ		V	115 - 500
Rated control supply voltage Us at DC		V	24 - 220
Colour housing cover			Grey
Material housing			Plastic
Number of contacts as normally open contact			2
Number of contacts as normally closed contact			2
Number of contacts as change-over contact			0
Degree of protection (IP)			IP67/IP69K
Degree of protection (NEMA)			4X, 13