

**Housing, Controlled stop pushbuttons/emergency-stop buttons,
Mushroom-shaped, 38 mm, Non-illuminated, Pull-to-release function, 2
NC, Screw connection, Red, Yellow**

Part no. M22-PV/KC02/IY
216524
EL Number 4355297
(Norway)

General specifications	
Product name	Eaton Moeller® series M22 Housing
Part no.	M22-PV/KC02/IY
EAN	4015082165246
Product Length/Depth	100 millimetre
Product height	80 millimetre
Product width	72 millimetre
Product weight	0.194 kilogram
Certifications	IEC/EN 60947-5 CE UL File No.: E29184 CSA CSA Class No.: 3211-03 UL Category Control No.: NKCR UL CSA-C22.2 No. 14-05 CSA-C22.2 No. 94-91 VDE 0660 CSA File No.: 012528 UL 508 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 Tamper-proof according to ISO 13850/EN 418
Features & Functions	
Design	Mushroom-shaped
Enclosure color	Yellow
Enclosure material	Plastic
Illumination	Non-illuminated
General information	
Degree of protection	IP Other NEMA 4X, 13
Lifespan	100,000 mechanical Operations
Operating frequency	600 Operations/h
Product category	RMQ-Titan
Size	Front dimensions: 35 mm
Suitable for	Emergency stop
Type	Controlled stop pushbutton/emergency-stop button Housing
Ambient conditions, mechanical	
Mounting position	As required
Shock resistance	50 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms Mechanical, According to IEC/EN 60068-2-27
Climatic environmental conditions	
Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	70 °C
Climatic proofing	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
Electrical rating	
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
Short-circuit rating		
Rated conditional short-circuit current (Iq)		1 kA
Communication		
Connection to SmartWire-DT		No
Connection type		Screw connection
Actuator		
Actuating force		50 N
Actuator color		Red
Actuator diameter		38 mm
Actuator function		Pull-to-release
Actuator travel and actuation force (DIN EN 60947-5-1)		4.8 mm
Knob travel		5.7 mm
Contacts		
Force for positive opening - min		30 N
Number of contacts (change-over contacts)		0
Number of contacts (normally closed contacts)		2
Number of contacts (normally open contacts)		0
Design verification		
Equipment heat dissipation, current-dependent Pvid		0 W
Heat dissipation capacity Pdiss		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.
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) / Control circuit devices combination in enclosure (EC000225)

Number of command positions			1
Number of push buttons			0
Number of indicator lights			0
Number of key switches			0
Number of selector switches			0
Number of mushroom-shaped push-buttons			1
Suitable for emergency stop			Yes
Rated control supply voltage AC 50 Hz		V	115 - 500
Rated control supply voltage AC 60 Hz		V	115 - 500
Rated control supply voltage DC		V	24 - 220
Power consumption		W	
Colour housing cover			Yellow
Housing colour			Yellow
Housing material			Plastic
Number of contacts as normally open contact			0
Number of contacts as normally closed contact			2
Number of contacts as change-over contact			0
Degree of protection (IP)			Other
Degree of protection (NEMA)			4X, 13