

Part no. **M22-PV-K01-BVP**
110938

General specifications		
Product name		Eaton Moeller® series M22 Emergency stop/emergency switching off pushbutton
Part no.		M22-PV-K01-BVP
EAN		4015081104673
Product Length/Depth		50 millimetre
Product height		80 millimetre
Product width		50 millimetre
Product weight		0.058 kilogram
Certifications		LR DNV GL
Product Tradename		M22
Product Type		Emergency stop/emergency switching off pushbutton
Product Sub Type		None
Catalog Notes		Blister pack for hanging. Can be ordered using a single article no. Complete practical solution.
Features & Functions		
Unlocking method		Pull-release
General information		
Degree of protection		IP66 NEMA 4X, 13
Mounting method		Built-in
Opening diameter		22.5 mm
Operating frequency		3600 Operations/h
Overvoltage category		III
Pollution degree		3
Product category		RMQ-Titan
Ambient conditions, mechanical		
Mounting position		As required
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
Short-circuit rating		
Rated conditional short-circuit current (I _q)		1 kA
Communication		
Connection to SmartWire-DT		No
Actuator		
Actuating force		5 N
Actuator color		Red
Actuator diameter		38 mm
Contacts		
Number of contacts (normally closed contacts)		1
Number of contacts (normally open contacts)		0
Design verification		
Equipment heat dissipation, current-dependent P _{vid}		0 W
Heat dissipation capacity P _{diss}		0 W
Heat dissipation per pole, current-dependent P _{vid}		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) / Emergency stop complete (EC002034)		
Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / EMERGENCY-STOP pushbutton, complete device (ecI@ss13-27-37-12-44 [ACN986016])		
Unlocking method		Pull-release
Number of contacts as normally closed contact		1
Number of contacts as normally open contact		0
Degree of protection (IP)		IP66
Degree of protection (NEMA)		4X, 13
Mounting method		Built-in
With lighting		No
Supply voltage lamp	V	0
Hole diameter	mm	22.5
Connection type auxiliary circuit		Screw connection
Diameter cap	mm	38