DATASHEET - M22-PV-K01-BVP

Emergency stop/emergency switching off pushbutton, RMQ-Titan, 1 NC

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

Powering Business Worldwide™

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 (Iq)	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 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) / Emergency stop complete (EC002034)			
Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / EMERGENCY-STOP pushbutton, complete device (ecl@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