



Emergency-stop key-release mushroom, complete device

Part no. M22-PVT-K01-BVP
Catalog No. 132624
Eaton Catalog No. M22-PVT-K01-BVPQ

Delivery program

Product range			RMQ-Titan
Description			Blister pack for hanging. Complete practical solution. Can be ordered using a single article no.
Connection to SmartWire-DT			no
Equipment supplied			
1	Emergency-stop button		M22-PVT
1	mounting clamp		M22-A
1	contact element		M22-K01

Design verification as per IEC/EN 61439

Technical data for design verification			
Rated operational current for specified heat dissipation	I_n	A	6
Heat dissipation per pole, current-dependent	P_{vid}	W	0.11
Equipment heat dissipation, current-dependent	P_{vid}	W	0
Static heat dissipation, non-current-dependent	P_{vs}	W	0
Heat dissipation capacity	P_{diss}	W	0
IEC/EN 61439 design verification			
10.2 Strength of materials and parts			
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 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric 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 Insulation properties			
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 6.0

Low-voltage industrial components (EG000017) / Front element for mushroom push-button (EC001038)			
Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Front element for mushroom push-button actuators (ec1@ss8.1-27-37-12-12 [AKF030011])			
Colour button			Red

Construction type lens		Round
Diameter cap	mm	38
Hole diameter	mm	22
Width opening	mm	0
Height meter opening	mm	0
Degree of protection (IP)		IP67
Type of button		High
Suitable for illumination		No
Switching function latching		Yes
Spring-return		No
With front ring		No
Material front ring		Plastic
Colour front ring		-
Suitable for emergency stop		Yes
Unlocking method		Turn unlatching mechanism

Additional product information (links)

IL04716005Z RMQ-Titan: Emergency stop buttons, Emergency stop buttons	
IL04716005Z RMQ-Titan: Emergency stop buttons, Emergency stop buttons	ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716005Z2017_01.pdf
IL04716002Z RMQ-Titan System	
IL04716002Z RMQ-Titan System	ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716002Z2017_01.pdf