

Emergency-stop pushbutton, non-illuminated

Powering Business Worldwide*

Part no. M22-PV Article no. 216876 Catalog No. M22-PVQ

Delivery programme

Delivery programme			
Product range			RMQ-Titan (drilling dimensions 22.5 mm)
Basic function			Controlled stop pushbuttons/emergency-stop buttons
Single unit/Complete unit			Single unit
Design			Mushroom-shaped
Diameter	Ø	mm	38
Illumination			Non-illuminated
Approval			TOV Relationed Product Safety Pull-to-release function
Description			Tamper-proof according to ISO 13850/EN 418
Colour			
Mushroom head			Red
Base			yellow
Degree of Protection			IP66, IP69K
Front ring			without bezel
Connection to SmartWire-DT			no
Actuator travel and actuation force as per DIN EN 60947-5-1, K.5.4.1			
Minimum force for positive opening	N		0
Front dimensions			35
Instructions			Max. number of contacts: four M22-{C)K01,10 or two M22-{C}K02,20,11

Technical data General

Standards			IEC/EN 60947 VDE 0660
Lifespan, mechanical	Operations	x 10 ⁶	> 0.1
Operating frequency	Operations/h		≦ ₆₀₀
Actuating force		n	≦ ₅₀
Climatic proofing			Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Ambient temperature			
Open		°C	-25 - +70
Mounting position			As required
Mechanical shock resistance		g	50 Shock duration 11 ms Sinusoidal according to IEC 60068-2-27

Design verification as per IEC/EN 61439

Technical data for design verification			
Rated operational current for specified heat dissipation	In	Α	0
Heat dissipation per pole, current-dependent	P _{vid}	W	0

Static heat dissipation, non-current-dependent Heat dissipation capacity Operating ambient temperature min. Operating ambient temperature max. Pvs W 0 C -25 OPERATING ambient temperature max. Pvs W 0 C -25 OPERATING ambient temperature max. Pvs W 0 C -25 OPERATING ambient temperature max.	
Operating ambient temperature min. °C -25 Operating ambient temperature max. °C 70	
Operating ambient temperature max. °C 70	
IEC/EN 61439 design verification	
10.2 Strength of materials and parts	
10.2.2 Corrosion resistance Meets the product standard's requirem	ents.
10.2.3.1 Verification of thermal stability of enclosures Meets the product standard's requirem	ents.
10.2.3.2 Verification of resistance of insulating materials to normal heat Meets the product standard's requirem	ents.
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 requirem	ents.
10.2.4 Resistance to ultra-violet (UV) radiation Please enquire	
10.2.5 Lifting Does not apply, since the entire switch	gear needs to be evaluated.
10.2.6 Mechanical impact Does not apply, since the entire switch	gear needs to be evaluated.
10.2.7 Inscriptions Meets the product standard's requirem	ents.
10.3 Degree of protection of ASSEMBLIES Does not apply, since the entire switch	gear needs to be evaluated.
10.4 Clearances and creepage distances Meets the product standard's requirem	ents.
10.5 Protection against electric shock Does not apply, since the entire switches	gear needs to be evaluated.
10.6 Incorporation of switching devices and components Does not apply, since the entire switching	gear 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 Not applicable.	
10.11 Short-circuit rating Is the panel builder's responsibility. The observed.	e specifications for the switchgear must be
10.12 Electromagnetic compatibility Is the panel builder's responsibility. The observed.	e specifications for the switchgear must be
10.13 Mechanical function The device meets the requirements, proleaflet (IL) is observed.	ovided the information in the instruction

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 (ecl@ss8.1-27-37-12-12 [AKF030011])

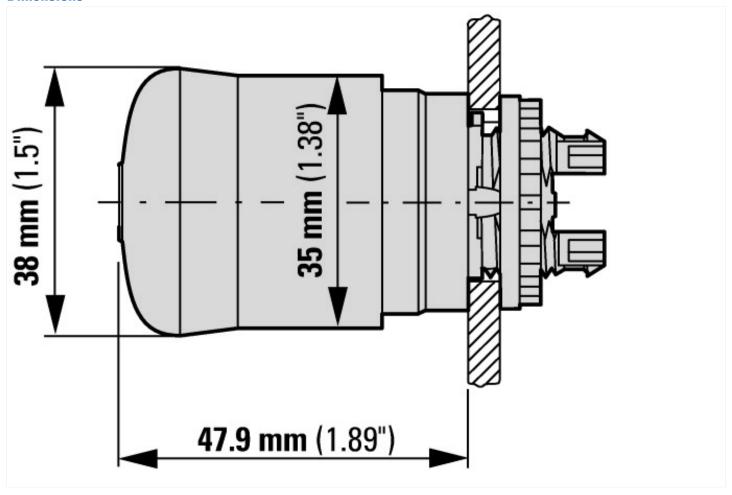
(ecl@ss8.1-27-37-12-12 [AKF030011])		
Colour button		Red
Construction type lens		Round
Diameter cap	mm	38
Hole diameter	mm	22
Width opening	mm	22
Height meter opening	mm	6
Degree of protection (IP)		IP66
Type of button		Flat
Suitable for illumination		No
Switching function latching		Yes
Spring-return		No
With front ring		No
Material front ring		Plastic
Colour front ring		Chrome
Suitable for emergency stop		Yes
Unlocking method		Pull release

Approvals

Product Standards	IEC/EN 60947-5; UL 508; CSA-C22.2 No. 14-05; CSA-C22.2 No. 94-91; CE marking
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UL File No.	E29184
UL Category Control No.	NKCR
CSA File No.	012528
CSA Class No.	3211-03
North America Certification	UL listed, CSA certified
Degree of Protection	UL/CSA Type 3R, 4X, 12, 13

Dimensions



Additional product information (links)

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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/IL04716005Z2015_02.pdf	
IL04716002Z RMQ-Titan System		
IL04716002Z RMQ-Titan System	ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716002Z2015_02.pdf	