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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			TÜV Rheinland Product Safety BAUART GEPRÜFT TYPE APPROVED
			Pull-to-release function
Description			Tamper-proof according to ISO 13850/EN 418
Colour			
Mushroom head			Red
Base			yellow
Degree of Protection			IP66, IP69K
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
Equipment heat dissipation, current-dependent	P_{vid}	W	0

observed.	Static heat dissipation, non-current-dependent	P_{vs}	W	0
Operating ambient temperature max. 10.2 Strength of materials and parts 10.2 Strength of materials and parts 10.2 Corrosion resistance 10.2.3 I Verification of thermal stability of enclosures 10.2.3 2 Verification of resistance of insulating materials to normal heat and fire due to internal electric effects 10.2.3 2 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects 10.2.4 Resistance to ultra-violet (UV) radiation 10.2 5 Lifting 10.2 5 Lifting 10.2 5 Lifting 10.3 Depart of protection of ASSEMBLIES 10.4 Clearances and creepage distances 10.4 Clearances and creepage distances 10.5 Protection against electric shock 10.6 Incorporation of switching devices and components 10.8 Connections for external conductors 10.9 Insulation properties 10.9 Insulation proper	Heat dissipation capacity	P _{diss}	W	0
IEC/EN 61439 design verification 10.2 Strength of materials and parts 10.2.2 Corrosion resistance 10.2.3.1 Verification of thermal stability of enclosures 10.2.3.2 Verification of thermal stability of enclosures 10.2.3.2 Verification of thermal stability of enclosures 10.2.3.2 Verification of resistance of insulating materials to normal heat 10.2.3.2 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects 10.2.4 Resistance to ultra-violet (UV) radiation 10.2.5 Lifting 10.2.5 Lifting 10.2.5 Mechanical impact 10.2.5 Mechanical impact 10.2.7 Internal electric at ferce to ultra-violet (UV) radiation 10.2.7 Internal electric espage distances 10.3.0 Begree of protection of ASSEMBLIES 10.4.1 Clearances and creepage distances 10.5.2 Protection against electric shock 10.6.4 Clearances and creepage distances 10.7 Internal electric at circuits and connections 10.8 Connections for external conductors 10.9 Insulation properties 10.9.1 Nonections for external conductors 10.9 Insulation properties 10.9.2 Power-frequency electric strength 10.9 Insulation properties 10.9.3 Impulse withstand voltage 10.9.4 Testing of enclosures made of insulating material 10.10 Temperature rise 10.10 Temperature rise 10.11 Short-circuit rating 10.12 Electromagnetic compastibility 10.14 Electromagnetic compastibility 10.15 Insulation properties 10.16 Insulation properties 10.17 Internal electric at circuits and connections 10.9 Insulation properties 10.9 Insulati	Operating ambient temperature min.		°C	-25
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10.9.2 Power-frequency electric strength 10.9.3 Impulse withstand voltage 10.9.4 Testing of enclosures made of insulating material 10.10 Temperature rise 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.13 Mechanical function Is the panel builder's responsibility. Is the panel builder's responsibility. Not applicable. Is the panel builder's responsibility. The specifications for the switchgear must be observed. 10.12 Electromagnetic compatibility The device meets the requirements, provided the information in the instruction	10.8 Connections for external conductors			Is the panel builder's responsibility.
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10.10 Temperature rise Not applicable. 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	10.9.3 Impulse withstand voltage			Is the panel builder's responsibility.
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observed. 10.13 Mechanical function The device meets the requirements, provided the information in the instruction	10.11 Short-circuit rating			Is the panel builder's responsibility. The specifications for the switch gear must be observed. $\label{eq:constraint}$
	10.12 Electromagnetic compatibility			Is the panel builder's responsibility. The specifications for the switch gear must be observed. $\label{eq:specification}$
	10.13 Mechanical function			

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 (pc)(@ss8 1-27-37-12-12 [AKFR30011])

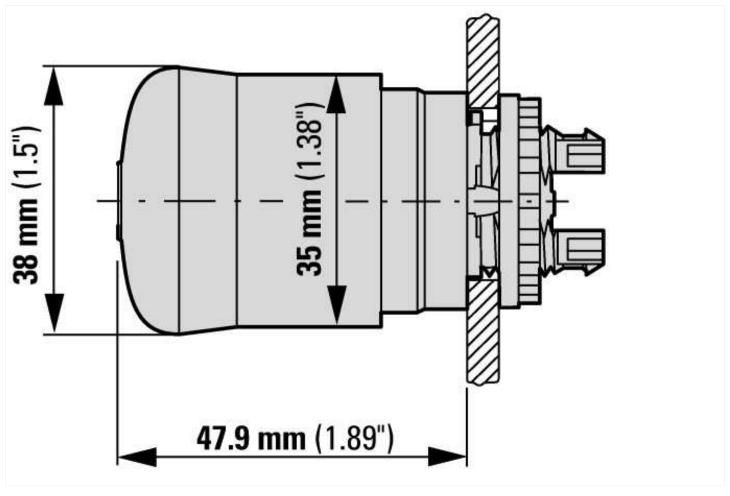
Construction type lens Diameter cap Diameter cap Mm 38 Hole diameter Width opening Mm 22 Height meter opening Degree of protection (IP) Type of button Suitable for illumination Switching function latching Spring-return Width front ring Material front ring Colour front ring Suitable for emergency stop Suitable for emergency stop	(ecl@ss8.1-27-37-12-12 [AKF030011])		
Diameter cap Diameter cap Hole diameter Width opening Mm 22 Width opening Mm 6 Degree of protection (IP) Type of button Suitable for illumination Switching function latching Spring-return Width front ring Material front ring Colour front ring Suitable for emergency stop No With left of the control of th	Colour button		Red
Hole diameter Width opening mm 22 Height meter opening mm 6 Degree of protection (IP) Type of button Suitable for illumination Switching function latching Spring-return With front ring Material front ring Colour front ring Suitable for emergency stop	Construction type lens		Round
Width openingmm22Height meter openingmm6Degree of protection (IP)IP66Type of buttonFlatSuitable for illuminationNoSwitching function latchingYesSpring-returnNoWith front ringNoMaterial front ringNoColour front ringPlasticColour front ringChromeSuitable for emergency stopYes	Diameter cap	mm	38
Height meter opening mm 6 Degree of protection (IP) IP66 Type of button 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	Hole diameter	mm	22
Degree of protection (IP) Type of button Suitable for illumination Switching function latching Spring-return With front ring Material front ring Colour front ring Suitable for emergency stop IP66 Flat No No No No Chrome Yes	Width opening	mm	22
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	Height meter opening	mm	6
Suitable for illumination Switching function latching Yes Spring-return No With front ring Material front ring Colour front ring Suitable for emergency stop No Yes Colour front ring Chrome Yes	Degree of protection (IP)		IP66
Switching function latching Spring-return No With front ring No Material front ring Colour front ring Suitable for emergency stop Yes Yes No Colour front ring Chrome Yes	Type of button		Flat
Spring-return No With front ring No Material front ring Plastic Colour front ring Chrome Suitable for emergency stop Yes	Suitable for illumination		No
With front ring Material front ring Plastic Colour front ring Chrome Suitable for emergency stop Yes	Switching function latching		Yes
Material front ring Plastic Colour front ring Chrome Suitable for emergency stop Yes	Spring-return		No
Colour front ring Chrome Suitable for emergency stop Yes	With front ring		No
Suitable for emergency stop Yes	Material front ring		Plastic
	Colour front ring		Chrome
Unlocking method Pull release	Suitable for emergency stop		Yes
	Unlocking method		Pull release

Approvals

Approvais	
	IEC/EN 60947-5; UL 508; CSA-C22.2 No. 14-05; CSA-C22.2 No. 94-91; CE marking
	E29184

NKCR
012528
3211-03
UL listed, CSA certified
UL/CSA Type 3R, 4X, 12, 13

Dimensions



Additional product information (links)				
IL04716005Z RMQ-Titan: Emergency stop buttons, Emergency stop buttons				
IL04716005Z RMQ-Titan: Emergency stop buttons, Emergency stop buttons				
IL04716002Z RMQ-Titan System				
IL04716002Z RMQ-Titan System	ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716002Z2015_02.pdf			