

Emergency-stop pushbutton, D=38mm, key unlocking, MS1



Part no. M22-PVS
Article no. 216879
Catalog No. M22-PVSQ

Delivery program

Poduct range Basic function Basic function Basic function Cosign Diameter	Donvoir program			
Single unit/Complete unit Design Diameter Approval Blumination Approval Description Colour Mushroom head Mushroom head Description Colour Approval Approv	Product range			RMQ-Titan
Design Diameter Diame	Basic function			Controlled stop pushbuttons/emergency-stop buttons
Diameter Diamet	Single unit/Complete unit			Single unit
Non-Illuminated	Design			Mushroom-shaped
Approval Baulant Approval Approval Approval Approval Baulant Approval Approval Baulant Approval Approval Baulant Approval Approval Baulant Approval Baulant Approval Baulant Approval Baulant Approval Baulant Approval Baulant Baulan	Diameter	Ø	mm	38
Description Colour Mushroom head Base Description Rey-release Wey-release Red Red Red Polyman Ster key systems Red Red Polyman Ster key systems Red Red Red Red Red Red Red Re	Illumination			Non-illuminated
Description Tamper-proof according to ISO 13850/EN 418 Not suitable for master key systems Red Red Percent of Protection Degree of Protection Connection to SmartWire-DT Actuator travel and actuation force as per DIN EN 60947-5-1, K.5.4.1 Minimum force for positive opening N O Red Percent of Protection N O Front dimensions Max. number of contacts: four M22-(C)K01,10 or two M22-(C)K02,20,11	Approval			BAUART GEPRÜFT
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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	Connection to SmartWire-DT			no
Front dimensions 35 Instructions Max. number of contacts: four M22-(C)K01,10 or two M22-(C)K02,20,11				
Instructions Max. number of contacts: four M22-(C)K01,10 or two M22-(C)K02,20,11	Minimum force for positive opening	N		0
	Front dimensions			35
Information about equipment supplied 1 key included as standard	Instructions			Max. number of contacts: four M22-(C)K01,10 or two M22-(C)K02,20,11
	Information about equipment supplied			1 key included as standard

Technical data

General

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

Desi	yn verificat	ion as pe	r IEC/EN	61439
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Technical data for design verification

Rated operational current for specified heat dissipation In	3			
Equipment heat dissipation, current-dependent P _{vd} W 0 Static heat dissipation, non-current-dependent P _{vd} W 0 Heat dissipation, capacity P _{diss} W 0 Operating ambient temperature min. °C 25 Operating ambient temperature max. °C 70 Derating ambient temperature max. °C 70 10.2 Strength of materials and parts 10.2 Strength of materials and parts 10.2.2 Foresion resistance 10.2.3 I Verification of thermal stability of enclosures 10.2.3 I Verification of resistance of insulating materials to normal heat and the due to internal electric effects 10.2.3 I Verification of resistance of insulating materials to abnormal heat and the due to internal electric effects 10.2.4 Earliance to ultra-violet (UV) radiation 10.2 Strength of materials and parts 10.2.5 Lifting Description of ASSEMBLIES 10.2.6 Mechanical impact 10.2.6 Mechanical impact 10.2.7 Inscriptions 10.3 Degree of protection of ASSEMBLIES 10.4 Description of ASSEMBLIES 10.5 Protection against electric shock 10.6 Incorporation of switching devices and components 10.7 Internal electric al circuit as connections 10.8 Connectical circuit as connections 10.9 Insulation properties 10.1 Internal electric al circuit as connections 10.1 Internal electric al circuit as connections 10.2 Internal electric al circuit as connections 10.3 Internal electric al circuit as connections 10.4 Internal electric al circuit as connections 10.5 Internal electric al circuit as connections 10.6 Connectival circuit as connections 10.7 Internal electric al circuit as connections 10.8 Earliance and connections 10.9 Insulation properties 10.9 Insulation properties 10.9 Insulation properties 10.9 Insulation properties 10.1 Internal electric al circuit as connections 10.1 Internal electric al circuit as connections 10.2 Internal electric al circuit as connections 10.3 Internal electric al circuit as connections 10.4 Int	Rated operational current for specified heat dissipation	In	Α	0
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Heat dissipation capacity Operating ambient temperature min. Operating ambient temperature max. ***********************************	Equipment heat dissipation, current-dependent	P _{vid}	W	0
Operating ambient temperature min. Operating ambient temperature max. *C 76 Operating ambient temperature max. *C 76 Operating ambient temperature max. *C 76 *C 70 **EEC/EN 81439 design verification 10.2 Strength of materials and parts 10.2.2 Corrosion resistance 10.2.3 Everification of thermal stability of enclosures 10.2.3.1 Verification of resistance of insulating materials to normal heat 10.2.3.2 Verification of resistance of insulating materials to normal heat 10.2.3.1 Verification of resistance of insulating materials to abnormal heat 10.2.3.2 Verification of resistance of insulating materials to abnormal heat 10.2.4 Resistance to ultra-violet (UV) radiation 10.2.5 Lifting 10.2.5 Lifting 10.2.5 Mechanical impact 10.2.7 Inscriptions 10.3 Degree of protection of ASSEMBLIES 10.3 Degree of protection of ASSEMBLIES 10.4 Clearances and creepage distances 10.5 Protection against electric shock 10.6 Incorporation of switching devices and components 10.5 Protection against electric shock 10.6 Incorporation of switching devices and components 10.7 Internal electrical circuits and connections 10.8 Connections for external conductors 10.9 Insulation properties 10.9 Power-frequency electric strength 10.9 Insulation properties 10.9 Power-frequency electric strength 10.9 Insulation properties 10.9 In prop	Static heat dissipation, non-current-dependent	P _{vs}	W	0
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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			
	10.12 Electromagnetic compatibility			
	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 (ecl@ss8.1-27-37-12-12 [AKF030011])

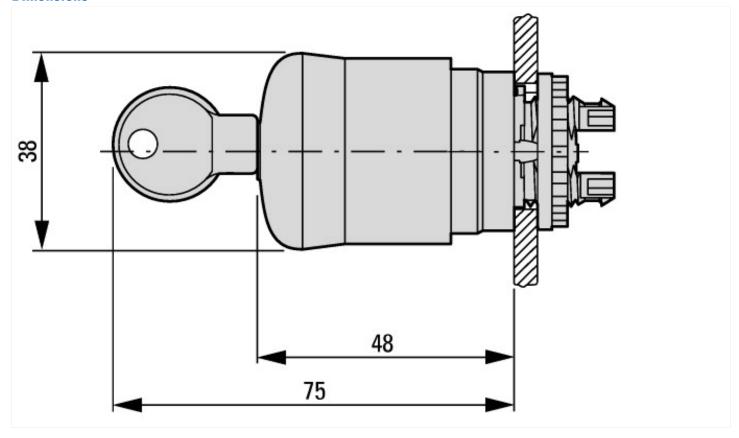
ecl@ss8.1-27-37-12-12 [AKF030011])		
olour button		Red
construction type lens		Round
liameter cap	mm	38
lole diameter	mm	22
Vidth opening	mm	0
leight meter opening	mm	0
legree of protection (IP)		IP67
ype of button		Flat
uitable for illumination		No
witching function latching		Yes
pring-return		No
Vith front ring		No
Naterial front ring		Plastic
colour front ring		Chrome
uitable for emergency stop		Yes

Unlocking method Key-release	
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Approvals

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

Additional product information	Additional product information (mixs)			
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/IL04716005Z2016_10.pdf			
IL04716002Z RMQ-Titan System				
IL04716002Z RMQ-Titan System	ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716002Z2016_09.pdf			