

Part no.

Article no.

Catalog No.

Emergency switching off, 60mm, turn-release

M22-PVLT60P 121461 M22-PVLT60PQ



Delivery program

Product range			RMQ-Titan
Basic function			Controlled stop pushbuttons/emergency-stop buttons
Single unit/Complete unit			Single unit
Design			Palm-tree shape
Diameter	Ø	mm	60
Illumination			Illuminated with LED element
Approval			01097
			Turn-to-release function
Description			Tamper-proof according to ISO 13850/EN 418
Colour			
Mushroom head			Red
Base			yellow
Degree of Protection			IP67, 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
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	l _n	А	0
Heat dissipation per pole, current-dependent	P _{vid}	W	0
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
Operating ambient temperature min.		°C	-25
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 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			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 leaflet (IL) is observed.

Technical data ETIM 6.0

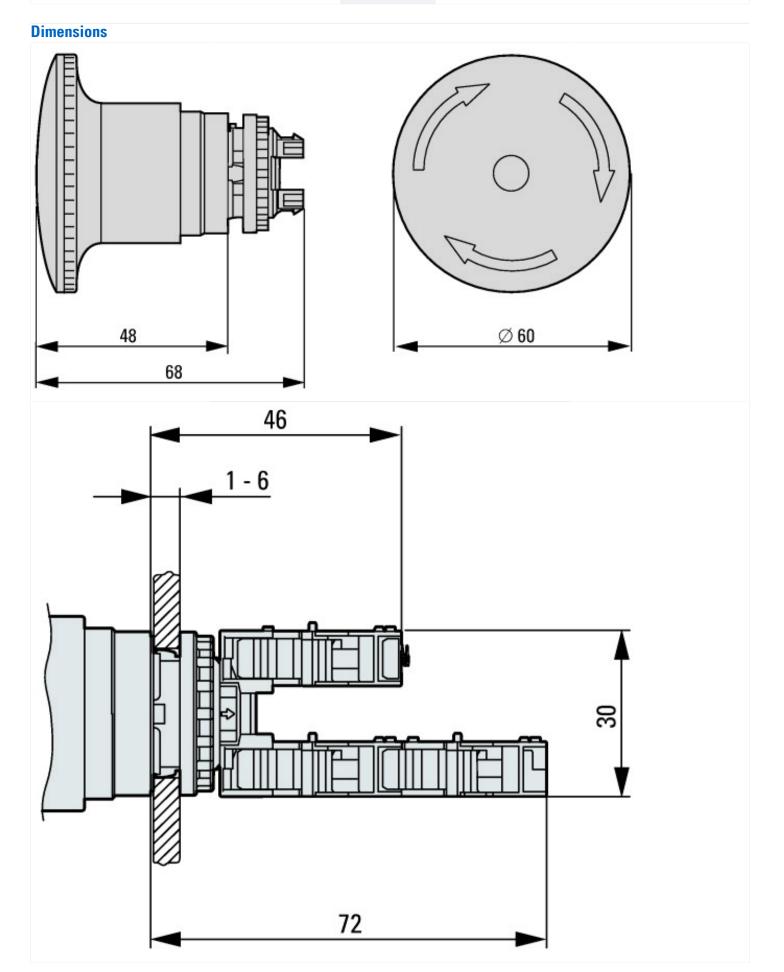
Low-voltage industrial components (EG000017) / Front element for mushroom push-button (EC001038)

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

Clour button Ped Costruction type lens Rou Diander cap Mm Held aimeter Mm Yold topening Mm High meter opening Mm Degree of protection (IP) Mm Stable for illumination Mm Stable for illumination Mm String function latching Mm Vind fort ring Mm Atter opening Mm String function latching Mm String function latching Mm String function latching Mm Atter of the mergenergy stop Mm Material functioning Mm String functioning Mm String functioning Mm Atter of the mergenergy stop Mm String functioning Mm	(eci@550.1-27-37-12-12 [AKF030011])		
Diameter capMm60Hole diametermm22.5Vidth openingmm0Height meter openingmm0Degree of protection (IP)Mm0Sutable for illuminationMmMgSvitching function latchingMgMgSyng-returnMgMgWith front ringMgMgNaterial front ringMgMgSutable for ringMgMgSutable for remergency stopMgMgSutable for remergency stopMgMgSutable for remergency stopMgMgSutable for emergency stopMgMgSutable	Colour button		Red
Hole diameter mm 22.5 With opening mm 0 Height meter opening mm 0 Degree of protection (IP) mm 0 Type of button Mm Hight meter opening Suitable for illumination Mm Mm Switching function latching Mm Hight Mathematican Mathmatematican Mathmatema	Construction type lens		Round
With opening mm 0 Height meter opening mm 0 Degree of protection (IP) mm 1 Type of button Mm Hight Suitable for illumination Mm Hight Switching function latching Mm No Syring-return Mm No Naterial front ring Mm No Solut for tring Mm No Suitable for emergency stop Mm No	Diameter cap	mm	60
Height meter openingmm0Degree of protection (IP)F-Type of buttonFHighSuitable for illuminationFNoSwitching function latchingFNoSpring-returnFNoWith front ringFNoNaterial front ringFPasicColour front ringFBlackSuitable for emergency stopFFSuitable for emergency stopFFSu	Hole diameter	mm	22.5
Degree of protection (IP)Image: Section (IP)Image: Section (IP)Type of buttonImage: Section (IP)HighSuitable for illuminationImage: Section (IP)NoSwitching function latchingImage: Section (IP)NoSpring-returnImage: Section (IP)NoWith front ringImage: Section (IP)NoMaterial front ringImage: Section (IP)Image: Section (IP)Colour front ringImage: Section (IP)Image: Section (IP)Suitable for emergency stopImage: Section (IP)Image: Section (IP)	Width opening	mm	0
Type of button Image: Second	Height meter opening	mm	0
Suitable for illuminationMoSwitching function latchingMoSpring-returnMoWith front ringMoMaterial front ringMoColour front ringMoSuitable for emergency stopMo	Degree of protection (IP)		
Switching function latchingImage: Switching function latchingImage: Switching function latchingYesSpring-returnImage: Switching function latchingImage: Switching function latchingImage: Switching function latching function latchingImage: Switching function latching function latching function latchingImage: Switching function latching fu	Type of button		High
Spring-return Mo With front ring Mo Material front ring Mo Colour front ring Mo Suitable for emergency stop Mo	Suitable for illumination		No
With front ring No Odour front ring Feed Suitable for emergency stop Feed	Switching function latching		Yes
Material front ring Material front ring Material front ring Material front ring Plastic Colour front ring Material for emergency stop Material for emergency stop Material for emergency stop	Spring-return		No
Colour front ring Image: Colour front ri	With front ring		No
Suitable for emergency stop	Material front ring		Plastic
	Colour front ring		Black
Unlocking method Turn unlatching mechanism	Suitable for emergency stop		Yes
	Unlocking method		Turn unlatching mechanism

Approvals

North America Certification



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/IL04716005Z2016_10.pdf
IL04716002Z RMQ-Titan System	
IL04716002Z RMQ-Titan System	ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716002Z2016_09.pdf