

#### Emergency-stop pushbutton, D=45mm, turn-release, switch indication



Part no. M22-PVT60P Article no. 121464 Catalog No. M22-PVT60PQ

**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		Palm-tree shape
Diameter	Ø	mm 60
Illumination		Non-illuminated
Approval		01097  SUVA CNA INSAI  BAUART GEPRÜFT TYPE APPROVED
		Turn-to-release function
Description		Tamper-proof according to ISO 13850/EN 418
Colour		
Mushroom head		Red
Base		yellow
Degree of Protection		IP67, IP69K
Front ring		without bezel
Connection to SmartWire-DT		no
Instructions		Max. number of contacts: four M22-(C)K01,10 or two M22-(C)K02,20,11

# **Technical data**

General

General			
Standards			IEC/EN 60947 VDE 0660
Lifespan, mechanical	Operations	x 10 <sup>6</sup>	> 0.1
Operating frequency	Operations/h		≦ 600
Actuating force		n	≦ <sub>50</sub>
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 <sub>vid</sub>	W	0

observed.	Equipment heat dissipation, current-dependent	$P_{vid}$	W	0
Operating ambient temperature min.  Operating ambient temperature max.  C 7C 70  IEC/EN 81439 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 resistance of insulating materials to normal heat  10.2.3.2 Verification of resistance of insulating materials to abnormal heat  10.2.3.3 Verification of resistance of insulating materials to abnormal heat  10.2.3.3 Verification of resistance of insulating materials to abnormal heat  10.2.4 Resistance to ultra-violet (IUV) radiation  10.2.5 Lifting  10.2.6 Mechanical impact  10.2.7 Inscriptions  10.2.7 Inscriptions  10.2.8 Deseroad of respect of the entire switchgear needs to be evaluated.  10.2.1 Inscriptions  10.3.5 Protection of ASSEMBLES  10.5 Protection against electric shock  10.6 Incorporation of switching devices and components  10.6 Incorporation of switching devices and components  10.7 Internal electrical circuits and connections  10.8 Incorporation of switching devices and components  10.9 Insulation for external conductors  10.9 Insulation for exponsibility.  10.9 Insulation for	Static heat dissipation, non-current-dependent	P <sub>vs</sub>	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			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. $\label{eq:constraint}$
	10.13 Mechanical function			

#### **Technical data ETIM 6.0**

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

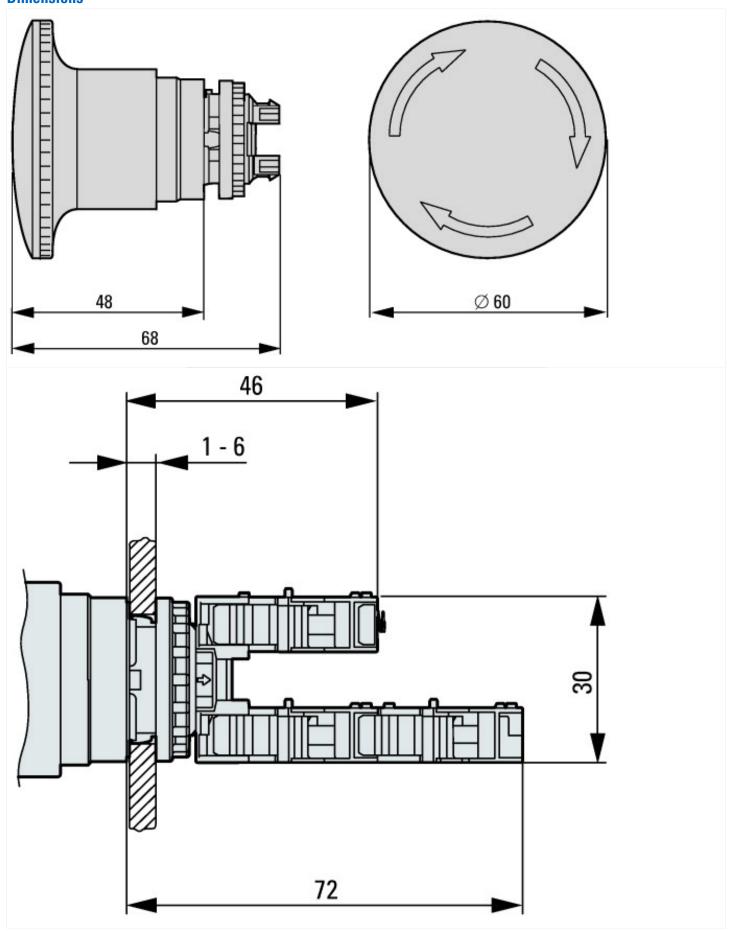
Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Front element for mushroom push-button actuators (ecl@ss8.1-27-37-12-12 [AKF030011])

(ecl@ss8.1-2/-3/-12-12 [AKF030011])		
Colour button		Red
Construction type lens		Round
Diameter cap	mm	60
Hole diameter	mm	22.5
Width opening	mm	0
Height meter opening	mm	0
Degree of protection (IP)		
Type of button		High
Suitable for illumination		No
Switching function latching		Yes
Spring-return		No
With front ring		No
Material front ring		-
Colour front ring		
Suitable for emergency stop		Yes
Unlocking method		Turn unlatching mechanism

# **Approvals**

North America Certification	Request filed for UL and CSA
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# **Dimensions**



### **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/IL04716005Z2015\_02.pdf

IL04716002Z RMQ-Titan System