

### Pushbutton, RMQ-Titan, momentary, Without button plate, Bezel: titanium

Powering Business Worldwide

**6** 

M22-D-X Part no. 216602 Catalog No. Alternate Catalog M22-D-XQ

**EL-Nummer** 4355307

(Norway)

#### **Delivery program**

7. 0	
Product range	RMQ-Titan
Basic function	Pushbutton actuators
Single unit/Complete unit	Single unit
	momentary
Button plate	
button plate	Without button plate
Degree of Protection	IP66, IP67, IP69
Front ring	Bezel: titanium
Connection to SmartWire-DT	yes with SWD-RMQ connections
Front dimensions	22 x 22

## **Technical data**

General			
Standards			IEC/EN 60947 VDE 0660
Lifespan, mechanical	Operations	x 10 <sup>6</sup>	> 5
Operating frequency	Operations/h		≦ 3600
Actuating force		n	≦5
Climatic proofing			Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Degree of Protection			IP66, IP67, IP69
Ambient temperature			
Open		°C	-25 - +70
Storage		°C	- 40 - + 80
Mounting position			As required
Mechanical shock resistance		g	30 Shock duration 11 ms Sinusoidal according to IEC 60068-2-27
shipping classification			DNV GL LR
			Lloyd's Register  TYPE APPROVED

Design verification as per IEC/EN 61439

Indoor and protected outdoor installation

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
Equipment heat dissipation, current-dependent	P <sub>vid</sub>	W	0

Pelas   W   0	Static heat dissipation, non-current-dependent	$P_{vs}$	W	0
Departing ambient temperature max.   **C   **70	Heat dissipation capacity	P <sub>diss</sub>	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 resistance of insulating materials to normal heat  10.2.3.2 Verification of resistance of insulating materials to abnormal heat  10.2.3.2 Verification of resistance of insulating materials to abnormal heat  10.2.3 Resistance to ultra-violet (UV) radiation  10.2.5 Lifting  10.2.5 Lifting  10.2.5 Lifting  10.2.5 Mechanical impact  10.2.5 Lifting  10.2.6 Mechanical impact  10.2.7 Inscriptions  10.3.0 Legree of protection of ASSEMBLIES  10.3.0 Legree of protection of ASSEMBLIES  10.4.1 Clearances and creepage distances  10.4.1 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  10.5 Incorporation of switching devices and components  10.6 Incorporation of switching devices and components  10.7 Internal electric circuits and connections  10.8 Legree builder's responsibility.  10.9 Insulation properties  10.9 In panel builder's responsibili	Operating ambient temperature min.		°C	-25
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	10.12 Electromagnetic compatibility			, , , , ,
	10.13 Mechanical function			

### **Technical data ETIM 7.0**

Low-voltage industrial components (EG000017) / Front element for push button (EC000221)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Front element for push-button actuators (ecl@ss10.0.1-27-37-12-10 [AKF028014])

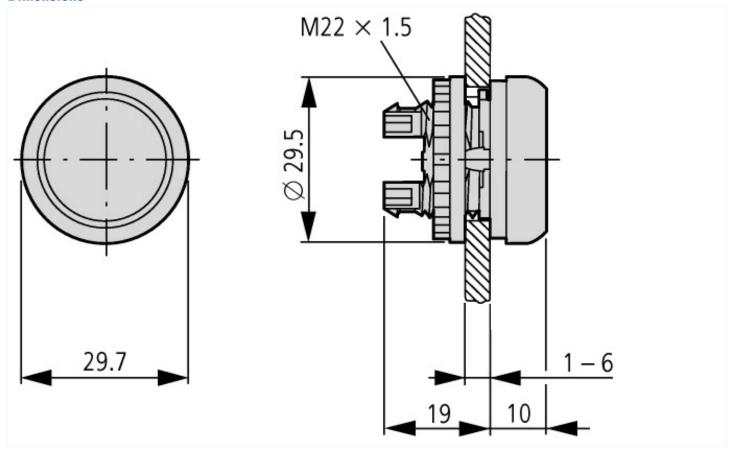
(ECI@5510.0.1-27-37-12-10 [AKI 020014])		
Colour button		Without button plate
Number of command positions		1
Construction type lens		Round
Hole diameter	mm	22,5
Width opening	mm	0
Height opening	mm	0
Type of button		Flat
Suitable for illumination		No
With protective cover		No
Labelled		No
Switching function latching		No
Spring-return		Yes
With front ring		Yes
Material front ring		Plastic
Colour front ring		Chrome
Degree of protection (IP), front side		IP67/IP69K
Degree of protection (NEMA), front side		4X

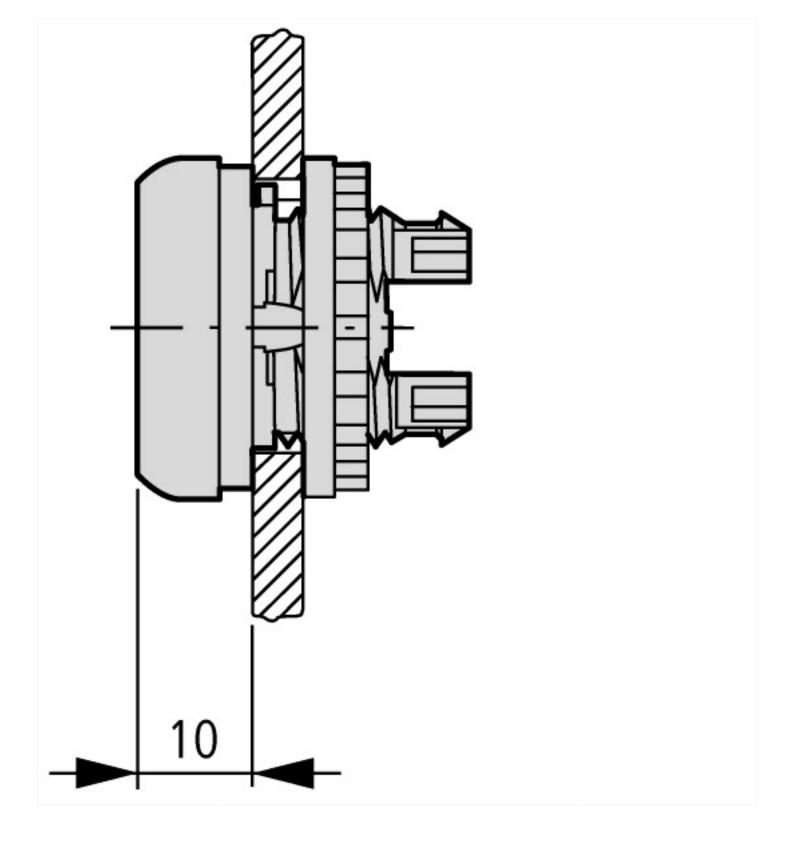
# **Approvals**

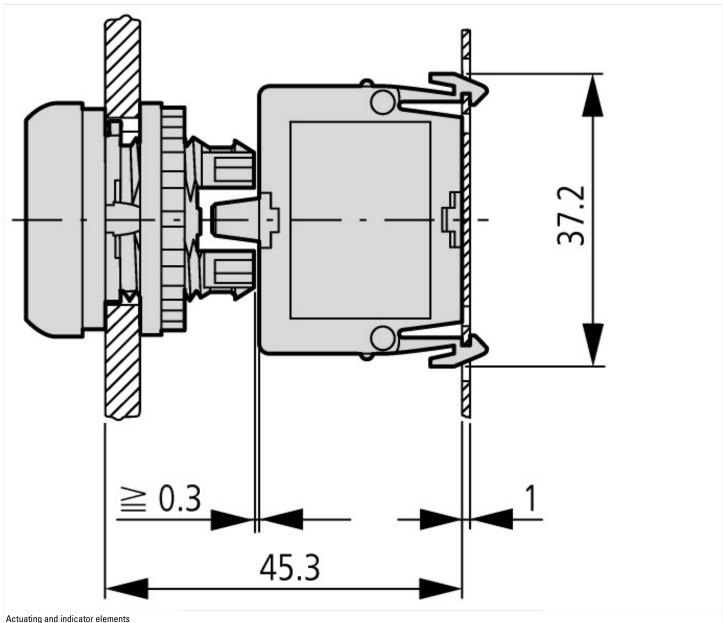
Product Standards	IEC/EN 60947-5; UL 508; CSA-C22.2 No. 14-05; CSA-C22.2 No. 94-91; CE marking

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**







Actuating and indicator elements Base fixing

#### **Assets (links)**

**Declaration of CE Conformity** 

00003256

### **Additional product information (links)**

IL04716002Z (AWA1160-1745) RMQ-Titan System

IL04716002Z (AWA1160-1745) RMQ-Titan System

ftp://ftp.moeller.net/DOCUMENTATION/AWA\_INSTRUCTIONS/IL04716002Z2018\_10.pdf