#### **DATASHEET - M22-D4-S**



Position pushbutton, RMQ-Titan, Actuators non-flush, momentary, 4-fold, opposing pushbuttons not mechanically interlocked, Bezel: titanium

Powering Business Worldwide\*



Part no. M22-D4-S Catalog No. 279411 Alternate Catalog M22-D4-SQ

No.

EL-Nummer 0004315308

(Norway)

### **Delivery program**

- control program	
Product range Product range	RMQ-Titan
Basic function	Pushbuttons
Single unit/Complete unit	Single unit
Design	Actuators non-flush
	momentary
Description	4-fold opposing pushbuttons not mechanically interlocked
Name	No inscription, actuator colour black
Degree of Protection	IP66
Front ring	Bezel: titanium
Connection to SmartWire-DT	yes with SWD-RMQ connections
Front dimensions	55 x 55

# **Technical data**

#### General

Conorar			
Standards			IEC/EN 60947 VDE 0660
Lifespan, mechanical	Operations	x 10 <sup>6</sup>	> 0.2
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
Ambient temperature			
Open		°C	-25 - +70
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
			DIV Germanischer Lloyd  TYPE  APPROVED

### **Design verification as per IEC/EN 61439**

3			
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

Departing ambient temperature min.  Operating ambient temperature min.  Operating ambient temperature men.  10.2 Strength of materials and parts  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 abnormal 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  10.2.3.2 Mensionance to ultra-violet (UVI radiation  10.2.5 Mechanical impact  10.2.5 Mechanical impact  10.2.6 Mechanical impact  10.3.6 Depense of protection of ASSEMBLES  10.3.0 Egree of protection of ASSEMBLES  10.4.1 Personance and creepage distances  10.5 Protection against electric shock  10.5 Protection against electric shock  10.5 Incorporation of switching devices and components  10.5 Incorporation of existence conductors  10.5 Incorporation of existence of insulating material  10.3 Incorporation of existence of insulating material  10.4 Clearances and creepage distances  10.5 Protection against electric shock  10.5 Incorporation of switching devices and components  10.5 Incorporation of switching devices and components  10.5 Incorporation of existence of insulating material  10.6 Incorporation of existence of insulating material  10.7 Incorporation of existence of insulating material  10.8 Incorporation of existence of insulating material  10.9 Incorporation of existence of insulating material  10.1 Short-circuit rating  10.1 Short-circuit rating  10.2 Incorporation of existence of insulating material  10.1 Incor	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 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])

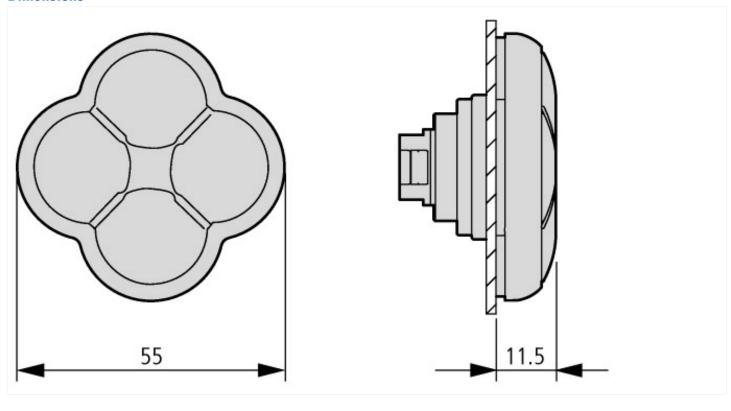
(ecl@ss10.0.1-27-37-12-10 [AKF028014])			
Colour button			Black
Number of command positions			4
Construction type lens			Round
Hole diameter	r	mm	22
Width opening	r	mm	0
Height opening	r	mm	0
Type of button			Flat
Suitable for illumination			No
With protective cover			No
Labelled			No
Switching function latching			No
Spring-return			Yes
With front ring			Yes
Material front ring			Plastic
Colour front ring			Chrome
Degree of protection (IP), front side			IP66
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**



### **Assets (links)**

**Declaration of CE Conformity** 00003256

# **Additional product information (links)**

II 047160027	(AWA1160-1745)	RMO-Titan System

IL04716002Z (AWA1160-1745) RMQ-Titan System ftp://ftp.moeller.net/DOCUMENTATION/AWA\_INSTRUCTIONS/IL04716002Z2018\_10.pdf