DATASHEET - M22-D4-S-X7

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

Powering Business Worldwide

Part no.	**M22-D4-S-X7**
	286336
EL Number (Norway)	**4355454**

General specifications

Product name	Eaton Moeller® series M22 4-way pushbutton
Part no.	M22-D4-S-X7
EAN	4015082863364
Product Length/Depth	55 millimetre
Product height	32 millimetre
Product width	55 millimetre
Product weight	0.022 kilogram
Compliances	CE Marked
Certifications	CSA Std. C22.2 No. 14-05 EN 60947-5 CSA Std. C22.2 No. 94-91 IEC 60947-5 UL 508 VDE VDE 0660 CE CSA File No.: 012528 CSA-C22.2 No. 14-05 CSA-C22.2 No. 94-91 UL UL Category Control No.: NKCR UL File No.: E29184 IEC/EN 60947-5 CSA IEC/EN 60947 CSA Class No.: 3211-03 LR DNV GL
Product Tradename	M22
Product Type	4-way pushbutton
Product Sub Type	None
Catalog Notes	4-fold

Features & Functions

Bezel color	Titanium
Bezel material	Plastic
Design	Non-Flush Classical
Features	Labelled
Fitted with:	Front ring
Functions	Opposing pushbuttons not mechanically interlocked
Inscription	4 white arrows

General information

Degree of protection	NEMA 13 NEMA 4X NEMA 3R IP66 NEMA 12
Degree of protection (front side)	NEMA 4X IP66
Lifespan, mechanical	200,000 Operations
Opening diameter	22.5 mm
Operating frequency	3600 Operations/h
Product category	RMQ-Titan
Size	Front dimensions: 55 x 55 mm
Type	Pushbutton

Ambient conditions, mechanical	
Mounting position	As required
Shock resistance	30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms Mechanical, According to IEC/EN 60068-2-27
Climatic environmental conditions	
Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	70 °C
Climatic proofing	Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Communication	
Connection to SmartWire-DT	With SWD-RMQ connections Yes
Actuator	
Actuating force	5 N
Actuator color	Black
Actuator function	Spring-return Momentary
Contacts	
Force for positive opening - min	0 N
Design verification	
Equipment heat dissipation, current-dependent Pvid	0 W
Heat dissipation capacity Pdiss	0 W
Heat dissipation per pole, current-dependent Pvid	0 W
Rated operational current for specified heat dissipation (In)	0 A
Static heat dissipation, non-current-dependent Pvs	0 W
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 Resist. of insul. mat. to abnormal heat/fire by internal elect. 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.
10.9.2 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 9.0

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@ss13-27-37-12-10 [AKF028019])

Colour button	Black
Number of command positions	4
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			Yes
Switching function latching			No
Spring-return			Yes
With front ring			Yes
Material front ring			Plastic
Colour front ring			Titanium
Degree of protection (IP), front side			IP66
Degree of protection (NEMA), front side			4X