DATASHEET - M22S-D-S-X0

Pushbutton, RMQ-Titan, Flat, momentary, black, inscribed, Bezel: black



Part n	0.
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M22S-D-S-X0 216610

General specifications	
Product name	Eaton Moeller® series M22 Pushbutton
Part no.	M22S-D-S-X0
EAN	4015082166106
Product Length/Depth	30 millimetre
Product height	30 millimetre
Product width	30 millimetre
Product weight	0.009 kilogram
Certifications	CSA UL CSA-C22.2 No. 94-91 UL Category Control No.: NKCR CE IEC/EN 60947 CSA Class No.: 3211-03 UL File No.: E29184 CSA File No.: 012528 UL 508 IEC/EN 60947-5 VDE 0660 CSA-C22.2 No. 14-05 DNV LR GL
Product Tradename	M22
Product Type	Pushbutton
Product Sub Type	None
Features & Functions	
Bezel color	Black
Bezel material	Plastic
Design	Flat Classical
Features	Labelled
Fitted with:	Front ring
Inscription	Inscribed
General information	
Degree of protection	NEMA 12 NEMA 13 NEMA 3R IP69K IP66 IP67 NEMA 4X
Degree of protection (front side)	NEMA 4X IP67/IP69K
Lifespan, mechanical	5,000,000 Operations
Opening diameter	22.5 mm
Operating frequency	3600 Operations/h
Product category	RMQ-Titan
Size	Front dimensions: 22 x 22 mm
Туре	Pushbutton actuator
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

Ambient storage temperature - min	40 °C
Ambient storage temperature - max	80 °C
Climatic proofing	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
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		1
Construction type lens		Round
Hole diameter	mm	n 22.5
Width opening	mm	n O
Height opening	mm	n O
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	Black
Degree of protection (IP), front side	IP67/IP69K
Degree of protection (NEMA), front side	4X