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



Part no. M22S-D-R-X0 216606

General specifications	
Product name	Eaton Moeller® series M22 Pushbutton
Part no.	M22S-D-R-X0
EAN	4015082166069
Product Length/Depth	30 millimetre
Product height	30 millimetre
Product width	30 millimetre
Product weight	0.009 kilogram
Certifications Product Tradename	CE UL CSA-C22.2 No. 14-05 UL 508 IEC/EN 60947 CSA File No.: 012528 CSA Class No.: 3211-03 UL Category Control No.: NKCR IEC/EN 60947-5 CSA-C22.2 No. 94-91 VDE 0660 UL File No.: E29184 CSA DNV GL LR
Product Type Product Sub Type	Pushbutton None
	None
Features & Functions	
Bezel color	Black
Bezel material Design	Plastic Flat Classical
Features	Labelled
Fitted with:	Front ring
Inscription	Inscribed
General information	
Degree of protection	IP66 NEMA 12 IP67 IP69K NEMA 13 NEMA 3R 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	Mechanical, According to IEC/EN 60068-2-27 30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms
Climatic environmental conditions	
Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	70 °C

Actuating force 5 N Actuator function 8rd Actuator function 9rd Actuator 9rd Actua	Ambient storage temperature - min	40 °C
Damp heat, constant, to IEC 80089-2-78 Communication Connection to SmortWire-DT Actuating force Actuating f	Ambient storage temperature - max	80 °C
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10.7 Internal electrical circuits and connections 10.8 Connections for external conductors 10.9.2 Power-frequency electric strength 10.9.3 Impulse withstand voltage 10.9.4 Testing of enclosures made of insulating material 10.10 Temperature rise 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.13 Mechanical function Is the panel builder's responsibility. It is the panel builder's responsibility. The specifications for the switchgear mus observed. The device meets the requirements, provided the information in the instruction	10.5 Protection against electric shock	Does not apply, since the entire switchgear needs to be evaluated.
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10.9.2 Power-frequency electric strength 10.9.3 Impulse withstand voltage 10.9.4 Testing of enclosures made of insulating material 10.10 Temperature rise 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.13 Mechanical function 10.13 Mechanical function 10.14 Is the panel builder's responsibility. The specifications for the switchgear must observed. 10.15 We panel builder's responsibility. The specifications for the switchgear must observed. 10.15 The device meets the requirements, provided the information in the instruction	10.7 Internal electrical circuits and connections	Is the panel builder's responsibility.
10.9.3 Impulse withstand voltage 10.9.4 Testing of enclosures made of insulating material 10.10 Temperature rise 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.13 Mechanical function Is the panel builder's responsibility. The specifications for the switchgear mus observed. 10.13 Mechanical function The device meets the requirements, provided the information in the instruction	10.8 Connections for external conductors	Is the panel builder's responsibility.
10.9.4 Testing of enclosures made of insulating material 10.10 Temperature rise Not applicable. 10.11 Short-circuit rating Is the panel builder's responsibility. The specifications for the switchgear mus observed. 10.12 Electromagnetic compatibility Is the panel builder's responsibility. The specifications for the switchgear mus observed. 10.13 Mechanical function The device meets the requirements, provided the information in the instruction	10.9.2 Power-frequency electric strength	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 mus observed. 10.12 Electromagnetic compatibility Is the panel builder's responsibility. The specifications for the switchgear mus observed. 10.13 Mechanical function The device meets the requirements, provided the information in the instruction	10.9.3 Impulse withstand voltage	Is the panel builder's responsibility.
10.11 Short-circuit rating Is the panel builder's responsibility. The specifications for the switchgear mus observed. 10.12 Electromagnetic compatibility Is the panel builder's responsibility. The specifications for the switchgear mus observed. 10.13 Mechanical function The device meets the requirements, provided the information in the instruction	10.9.4 Testing of enclosures made of insulating material	Is the panel builder's responsibility.
observed. 10.12 Electromagnetic compatibility Is the panel builder's responsibility. The specifications for the switchgear mus observed. 10.13 Mechanical function The device meets the requirements, provided the information in the instruction	10.10 Temperature rise	Not applicable.
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 switchgear must be observed.
	10.12 Electromagnetic compatibility	
	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])

[AKF028019])	-,	· ·
Colour button		Red
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	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