

Pushbutton, RMQ-Titan, Flat, maintained, green, Blank, Bezel: titanium



Part no. M22-DR-G
216619
EL Number 4355608
(Norway)

General specifications		
Product name		Eaton Moeller® series M22 Pushbutton
Part no.		M22-DR-G
EAN		4015082166199
Product Length/Depth		30 millimetre
Product height		30 millimetre
Product width		30 millimetre
Product weight		0.011 kilogram
Compliances		CE Marked
Certifications		UL 508 EN 60947-5 CSA Std. C22.2 No. 94-91 CSA Std. C22.2 No. 14-05 IEC 60947-5 VDE IEC/EN 60947 CSA-C22.2 No. 94-91 UL Category Control No.: NKCR CSA-C22.2 No. 14-05 UL VDE 0660 CSA CSA Class No.: 3211-03 UL File No.: E29184 IEC/EN 60947-5 CE CSA File No.: 012528 LR GL DNV
Product Tradename		M22
Product Type		Pushbutton
Product Sub Type		None
Features & Functions		
Bezel color		Titanium
Bezel material		Plastic
Design		Flat Classical
Fitted with:		Front ring
Functions		Stay-put/spring-return function can be changed on device
Inscription		Blank
General information		
Degree of protection		NEMA 13 NEMA 4X IP66 IP67 IP69K NEMA 12 NEMA 3R
Degree of protection (front side)		NEMA 4X IP67/IP69K
Lifespan, mechanical		1,000,000 Operations (AC operated)
Opening diameter		22.5 mm
Operating frequency		1800 Operations/h
Product category		RMQ-Titan
Size		Front dimensions: 22 x 22 mm
Type		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			Yes With SWD-RMQ connections
Actuator			
Actuating force			5 N
Actuator color			Green
Actuator function			Switching function latching Maintained
Contacts			
Force for positive opening - min			0 N
Design verification			
Equipment heat dissipation, current-dependent Pvid			0 W
Heat dissipation capacity Pdis			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			Green
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		Yes
Spring-return		No
With front ring		Yes
Material front ring		Plastic
Colour front ring		Titanium
Degree of protection (IP), front side		IP67/IP69K
Degree of protection (NEMA), front side		4X