

**Pushbutton, RMQ-Titan, Flat, momentary, green, inscribed, Bezel: titanium**



**Part no. M22-D-G-X1**

**216607**

**EL Number (Norway)**

**4355309**

<b>General specifications</b>		
Product name		Eaton Moeller® series M22 Pushbutton
Part no.		M22-D-G-X1
EAN		4015082166076
Product Length/Depth		30 millimetre
Product height		30 millimetre
Product width		30 millimetre
Product weight		0.009 kilogram
Compliances		CE Marked
Certifications		CSA Std. C22.2 No. 94-91 IEC 60947-5 CSA Std. C22.2 No. 14-05 EN 60947-5 UL 508 VDE CSA File No.: 012528 IEC/EN 60947 CSA-C22.2 No. 94-91 UL File No.: E29184 UL UL Category Control No.: NKCR IEC/EN 60947-5 CSA Class No.: 3211-03 CSA-C22.2 No. 14-05 CSA VDE 0660 CE DNV GL LR
Product Tradename		M22
Product Type		Pushbutton
Product Sub Type		None
<b>Features &amp; Functions</b>		
Bezel color		Titanium
Bezel material		Plastic
Design		Flat Classical
Features		Labelled
Fitted with:		Front ring
Inscription		Inscribed
<b>General information</b>		
Degree of protection		IP66 NEMA 12 NEMA 4X NEMA 13 IP67 NEMA 3R IP69K
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
Type		Pushbutton actuator
<b>Ambient conditions, mechanical</b>		

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
<b>Climatic environmental conditions</b>		
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
<b>Communication</b>		
Connection to SmartWire-DT		Yes With SWD-RMQ connections
<b>Actuator</b>		
Actuating force		5 N
Actuator color		Green
Actuator function		Momentary Spring-return
<b>Contacts</b>		
Force for positive opening - min		0 N
<b>Design verification</b>		
Equipment heat dissipation, current-dependent P <sub>vid</sub>		0 W
Heat dissipation capacity P <sub>diss</sub>		0 W
Heat dissipation per pole, current-dependent P <sub>vid</sub>		0 W
Rated operational current for specified heat dissipation (I <sub>n</sub> )		0 A
Static heat dissipation, non-current-dependent P <sub>vs</sub>		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		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		IP67/IP69K
Degree of protection (NEMA), front side		4X