

**Illuminated pushbutton actuator, RMQ-Titan, Extended, maintained, green, Blank, Bezel: titanium**



**Part no. M22-DRLH-G**

**216796**

**EL Number  
(Norway)**

**4355653**

<b>General specifications</b>		
Product name		Eaton Moeller® series M22 Illuminated pushbutton actuator
Part no.		M22-DRLH-G
EAN		4015082167967
Product Length/Depth		30 millimetre
Product height		35 millimetre
Product width		30 millimetre
Product weight		0.013 kilogram
Compliances		CE Marked
Certifications		UL 508 CSA Std. C22.2 No. 94-91 IEC 60947-5 EN 60947-5 CSA Std. C22.2 No. 14-05 VDE UL File No.: E29184 CSA File No.: 012528 CSA-C22.2 No. 14-05 VDE 0660 UL CSA Class No.: 3211-03 CE IEC/EN 60947-5 CSA-C22.2 No. 94-91 IEC/EN 60947 CSA UL Category Control No.: NKCR DNV LR GL
Product Tradename		M22
Product Type		Illuminated pushbutton actuator
Product Sub Type		None
<b>Features &amp; Functions</b>		
Bezel color		Titanium
Bezel material		Plastic
Design		Extended Classical
Fitted with:		Front ring
Functions		Stay-put/spring-return function can be changed on device
Inscription		Blank
Material		Titanium front ring
<b>General information</b>		
Degree of protection		IP69K IP66 NEMA 3R NEMA 4X IP67 NEMA 13 NEMA 12
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 diameter: 29.7 mm
Suitable for		Illumination

Type		Illuminated 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
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		With SWD-RMQ connections Yes
<b>Actuator</b>		
Actuating force		5 N
Actuator color		Green
Actuator function		Maintained Switching function latching
<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		High
Suitable for illumination		Yes
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