

**Double actuator pushbutton, RMQ-Titan, Actuators and indicator lights  
non-flush, momentary, White lens, green, red, Blank, Bezel: black**

**Part no. M22S-DDL-GR  
216699**

<b>General specifications</b>		
Product name		Eaton Moeller® series M22 Double actuator pushbutton
Part no.		M22S-DDL-GR
EAN		4015082166991
Product Length/Depth		30 millimetre
Product height		55 millimetre
Product width		30 millimetre
Product weight		0.015 kilogram
Compliances		GoST-R CE Marked Bureau Veritas
Certifications		CCC Marked CSA Certified Lloyd's Register Certified CSA Class No.: 3211-03 UL File No.: E29184 CSA-C22.2 No. 14-05 VDE 0660 IEC/EN 60947 CE IEC/EN 60947-5 CSA File No.: 012528 UL Category Control No.: NKCR UL CSA CSA-C22.2 No. 94-91 UL 508 DNV GL LR
Product Tradename		M22
Product Type		Double actuator pushbutton
Product Sub Type		None
Catalog Notes		Includes contact block mounting adapter.
<b>Features &amp; Functions</b>		
Bezel color		Black
Bezel material		Plastic
Design		Non-Flush Classical
Fitted with:		Front ring
Illumination		Illuminated
Inscription		Blank
Lens color		White
<b>General information</b>		
Degree of protection		NEMA 4X NEMA 13 IP66 NEMA 3R NEMA 12
Degree of protection (front side)		NEMA 4X IP66
Lifespan, mechanical		200,000 Operations
Opening diameter		22.5 mm
Operating frequency		3600 Operations/h
Product category		RMQ-Titan
Size		Front dimensions: 29,7 x 54,7 mm
Suitable for		Illumination
Type		Double actuator

<b>Ambient conditions, mechanical</b>		
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
<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, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
<b>Communication</b>		
Connection to SmartWire-DT		Yes With SWD-RMQ connections
<b>Actuator</b>		
Actuating force		5 N
Actuator color		Green, red
Actuator function		Momentary Spring-return
<b>Contacts</b>		
Force for positive opening - min		0 N
<b>Design verification</b>		
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		Red/green

Number of command positions			2
Construction type lens			Oval
Hole diameter		mm	22.5
Width opening		mm	0
Height opening		mm	0
Type of button			Flat
Suitable for illumination			Yes
With protective cover			No
Labelled			No
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			IP66
Degree of protection (NEMA), front side			4X