

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

**Part no. M22S-DDL-S-X4/X5  
218146**

<b>General specifications</b>		
Product name		Eaton Moeller® series M22 Double actuator pushbutton
Part no.		M22S-DDL-S-X4/X5
EAN		4015082181468
Product Length/Depth		30 millimetre
Product height		55 millimetre
Product width		30 millimetre
Product weight		0.015 kilogram
Certifications		UL File No.: E29184 CSA Class No.: 3211-03 UL UL 508 CSA-C22.2 No. 94-91 CSA-C22.2 No. 14-05 CSA CSA File No.: 012528 UL Category Control No.: NKCR CE IEC/EN 60947 VDE 0660 IEC/EN 60947-5 GL DNV LR
Product Tradename		M22
Product Type		Double actuator pushbutton
Product Sub Type		None
<b>Features &amp; Functions</b>		
Bezel color		Black
Bezel material		Plastic
Design		Non-Flush Classical
Features		Labelled
Fitted with:		Front ring
Inscription		Inscribed
Lens color		White
<b>General information</b>		
Degree of protection		NEMA 13 IP66 NEMA 3R NEMA 4X NEMA 12
Degree of protection (front side)		IP66 NEMA 4X
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, 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			Black
Actuator function			Spring-return Momentary
<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			Black
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			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			IP66
Degree of protection (NEMA), front side			4X