

Illuminated pushbutton actuator, RMQ-Titan, Extended, maintained, Blue,  
Blank, Bezel: black



Part no. M22S-DRLH-B  
216803

General specifications		
Product name		Eaton Moeller® series M22 Illuminated pushbutton actuator
Part no.		M22S-DRLH-B
EAN		4015082168032
Product Length/Depth		30 millimetre
Product height		35 millimetre
Product width		30 millimetre
Product weight		0.013 kilogram
Certifications		CSA-C22.2 No. 14-05 IEC/EN 60947 CSA-C22.2 No. 94-91 UL Category Control No.: NKCR CE CSA File No.: 012528 UL 508 IEC/EN 60947-5 UL File No.: E29184 CSA Class No.: 3211-03 VDE 0660 UL CSA GL LR DNV
Product Tradename		M22
Product Type		Illuminated pushbutton actuator
Product Sub Type		None
Features & Functions		
Bezel color		Black
Bezel material		Plastic
Design		Extended Classical
Fitted with:		Front ring
Functions		Stay-put/spring-return function can be changed on device
Inscription		Blank
General information		
Degree of protection		NEMA 12 IP67 IP66 IP69K NEMA 13 NEMA 4X 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 diameter: 29.7 mm
Suitable for		Illumination
Type		Illuminated 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
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			With SWD-RMQ connections Yes
<b>Actuator</b>			
Actuating force			5 N
Actuator color			Blue
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 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			Blue
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			Black
Degree of protection (IP), front side			IP67/IP69K
Degree of protection (NEMA), front side			4X