Illuminated pushbutton actuator, RMQ-Titan, Flush, momentary, Without button plate, Bezel: titanium $\,$



Part no. M22-DL-X

216933

EL Number

4355641

(Norway)	
General specifications	
Product name	Eaton Moeller® series M22 Illuminated pushbutton actuator
Part no.	M22-DL-X
EAN	4015082169336
Product Length/Depth	30 millimetre
Product height	30 millimetre
Product width	30 millimetre
Product weight	0.01 kilogram
Compliances	CE Marked
Certifications	CSA Std. C22.2 No. 14-05 UL 508 IEC 60947-5 CSA Std. C22.2 No. 94-91 EN 60947-5 VDE CSA-C22.2 No. 14-05 VDE 0660 CE UL Category Control No.: NKCR CSA Class No.: 3211-03 UL UL File No.: E29184 IEC/EN 60947 CSA-C22.2 No. 94-91 CSA File No.: 012528 IEC/EN 60947-5 CSA DNV LR GL
Product Tradename	M22
Product Type	Illuminated pushbutton actuator
Product Sub Type	None
eatures & Functions	
Bezel color	Titanium
Bezel material	Plastic
Design	Flush Classical
Fitted with:	Front ring
Material	Titanium front ring
eneral information	
Degree of protection	IP66 NEMA 3R IP69K NEMA 13 IP67 NEMA 12 NEMA 4X
Degree of protection (front side)	IP67/IP69K NEMA 4X
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
Suitable for	Illumination
	Illuminated pushbutton actuator

Shock resistance Mechanical, According to IEC/EN 60068-2-27 30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms Climatic environmental conditions Ambient operating temperature - min Ambient operating temperature - max Climatic proofing Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78 Communication Connection to SmartWire-DT Yes With SWD-RMQ connections Actuator Actuator color Actuator color Actuator function Contacts Force for positive opening - min Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms -25 °C -20	Mounting position	As required
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10.5 Protection against electric shock 10.6 Incorporation of switching devices and components 10.7 Internal electrical circuits and connections 10.8 Connections for external conductors 10.9.2 Power-frequency electric strength 10.9.3 Impulse withstand voltage 10.9.4 Testing of enclosures made of insulating material 10.10 Temperature rise 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.13 Mechanical function Does not apply, since the entire switchgear needs to be evaluated. Does not apply, since the entire switchgear needs to be evaluated. Is the panel builder's responsibility. The specifications for the switchgear must be observed. Is the panel builder's responsibility. The specifications for the switchgear must be observed. The device meets the requirements, provided the information in the instruction	10.3 Degree of protection of assemblies	Does not apply, since the entire switchgear needs to be evaluated.
10.6 Incorporation of switching devices and components 10.7 Internal electrical circuits and connections 1s the panel builder's responsibility. 10.8 Connections for external conductors 1s the panel builder's responsibility. 10.9.2 Power-frequency electric strength 1s the panel builder's responsibility. 10.9.3 Impulse withstand voltage 1s the panel builder's responsibility. 10.9.4 Testing of enclosures made of insulating material 1s the panel builder's responsibility. 10.10 Temperature rise Not applicable. 10.11 Short-circuit rating 1s the panel builder's responsibility. The specifications for the switchgear must be observed. 10.12 Electromagnetic compatibility 1s 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	10.4 Clearances and creepage distances	Meets the product standard's requirements.
10.7 Internal electrical circuits and connections 10.8 Connections for external conductors 10.9.2 Power-frequency electric strength 10.9.3 Impulse withstand voltage 10.9.4 Testing of enclosures made of insulating material 10.10 Temperature rise 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.13 Mechanical function Is the panel builder's responsibility. Is the panel builder's responsibility. Not applicable. Is the panel builder's responsibility. The specifications for the switchgear must be observed. The device meets the requirements, provided the information in the instruction	10.5 Protection against electric shock	Does not apply, since the entire switchgear needs to be evaluated.
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10.9.3 Impulse withstand voltage 10.9.4 Testing of enclosures made of insulating material 10.10 Temperature rise 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.13 Mechanical function 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	10.8 Connections for external conductors	Is the panel builder's responsibility.
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	10.12 Electromagnetic compatibility	
	10.13 Mechanical function	

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])

C = ===			
Colour button			Without button plate
Number of command positions			1
Construction type lens			Round
Hole diameter	m	nm	22.5
Width opening	m	nm	0

Height opening	r	nm	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			Titanium
Degree of protection (IP), front side			IP67/IP69K
Degree of protection (NEMA), front side			4X