DATASHEET - M22-DRLH-R-X0

Illuminated pushbutton actuator, RMQ-Titan, Extended, maintained, red, inscribed, Bezel: titanium

Part no.	**M22-DRLH-R-X0**
	216804
EL Number (Norway)	**4355656**

Product name	Eaton Moeller® series M22 Illuminated pushbutton actuator
Part no.	M22-DRLH-R-X0
EAN	4015082168049
Product Length/Depth	30 millimetre
Product height	35 millimetre
Product width	30 millimetre
Product weight	0.013 kilogram
Certifications	UL 508 IEC/EN 60947 UL File No.: E29184 CE CSA-C22.2 No. 14-05 CSA File No.: 012528 UL Category Control No.: NKCR IEC/EN 60947-5 VDE 0660 CSA Class No.: 3211-03 CSA-C22.2 No. 94-91 CSA UL LR DNV GL
Product Tradename	M22
Product Type	Illuminated pushbutton actuator
Product Sub Type	None
Bezel color	Chrome
Bezel material	Plastic
Design	Extended Classical
Features	Labelled
Fitted with:	Front ring
Functions	Stay-put/spring-return function can be changed on device
Inscription	Inscribed
Degree of protection	IP66 NEMA 12 IP67 NEMA 4X NEMA 3R NEMA 13 IP69K
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
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

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
Connection to SmartWire-DT			Yes With SWD-RMQ connections
Actuating force			5 N
Actuator color			Red
Actuator function			Switching function latching Maintained
Force for positive opening - min			0 N
Equipment heat dissipation, current-dependent Pvid			0 W
Heat dissipation capacity Pdiss			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 8.0

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@ss10.0.1-27-37-12-10 [AKF028014])

Colour button			Red
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			Yes
Switching function latching			Yes
Spring-return			No
With front ring			Yes
Material front ring			Plastic
Colour front ring			Chrome
Degree of protection (IP), front side			IP67/IP69K
Degree of protection (NEMA), front side			4X

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