

Illuminated pushbutton actuator, RMQ-Titan, Flush, momentary, orange,  
Blank, Bezel: titanium

Part no. **M22-DL-A**

**167429**

EL Number  
(Norway)

**4315272**

<b>General specifications</b>	
Product name	Eaton Moeller® series M22 Illuminated pushbutton actuator
Part no.	M22-DL-A
EAN	4015081639298
Product Length/Depth	30 millimetre
Product height	30 millimetre
Product width	30 millimetre
Product weight	0.01 kilogram
Certifications	IEC/EN 60947 VDE 0660 LR DNV GL
Product Tradename	M22
Product Type	Illuminated pushbutton actuator
Product Sub Type	None
<b>Features &amp; Functions</b>	
Bezel color	Titanium
Bezel material	Plastic
Design	Flush Classical
Fitted with:	Front ring
Inscription	Blank
<b>General information</b>	
Degree of protection	IP67 IP69K IP66
Degree of protection (front side)	IP67/IP69K NEMA 4X
Opening diameter	22.5 mm
Product category	RMQ-Titan
Suitable for	Illumination
Type	Illuminated pushbutton actuator
<b>Ambient conditions, mechanical</b>	
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
<b>Climatic environmental conditions</b>	
Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	70 °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>	
Actuator color	Orange
Actuator function	Spring-return Momentary
<b>Contacts</b>	
Force for positive opening - min	0 N

Design verification		
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		Orange
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		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