DATASHEET - M22-DL-A

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



Part no.	M22-DL-A
	167429
EL Number	4315272
(Norway)	

General specifications

General specifications	
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
Features & Functions	
Bezel color	Titanium
Bezel material	Plastic
Design	Flush Classical
Fitted with:	Front ring
Inscription	Blank
General information	
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
Туре	Illuminated pushbutton actuator
Ambient conditions, mechanical	
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
Climatic environmental conditions	
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
Communication	
Connection to SmartWire-DT	With SWD-RMQ connections Yes
Actuator	
Actuator color	Orange
Actuator function	Spring-return Momentary
Contacts	
Force for positive opening - min	0 N

esign verification	
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 observed.
10.12 Electromagnetic compatibility	Is the panel builder's responsibility. The specifications for the switchgear must 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])

Number of command positions Image: Construction type lens Image: Construction type lens Round Hole diameter Construction type lens Round Round Width opening Construction type lens Fail Fail Fail Construction type lens Fail			
Construction type lens Image: Real Additional State Stat	Colour button		Orange
And diameter Model Mam 2.5 Width opening mm 0	Number of command positions		1
Width openingmm0Height openingmm0Type of buttonmmFlaSuitable for illuminationMmFlaWith protective coverMmNoLabelledNoMmSwitching function latchingMmNoSyring-returnMmNoWith front ringMmNoMaterial front ringMmNoColour front ringMmNoBegree of protection (IP), front sideMmNoMaterial front ringMmNoBegree of protection (IP), front sideMmNoMaterial front ringMmNoBegree of protection (IP), front sideMmNoMaterial front ringMmMmBegree of protection (IP), front sideMmMmMaterial front ringMmMmBegree of protection (IP), front sideMmMmMaterial front ringMmMmBegree of protection (IP), front sideMmMmMaterial front ringMm	Construction type lens		Round
Height opening mm 0 Type of button Fat Fat Suitable for illumination Ves Ves With protective cover Set Fat Labelled No Set Switching function latching Set Fat Syring-return Set Fat Material front ring Set Set Colour font ring Set Fat Return function (IP), front side Set Fat Better of IP (P), front side Set Fat	Hole diameter	mm	22.5
Type of buttonFatSuitable for illuminationVesWith protective coverNoLabelledNoSwitching function latchingVesSyring-returnVesWith front ringVesMaterial front ringVesColour front ringVesBagee of protection (IP), front sideVesBagee of protection	Width opening	mm	0
Suitable for illumination Yes With protective cover No Labelled No Switching function latching No Syring-return Yes With front ring Yes Material front ring Yes Colour front ring Yes Degree of protection (IP), front side Image: Solution (Solution (Solutic) (Solutic) (Solutic) (Solution (Solution (Solution (Solutic) (S	Height opening	mm	0
With protective coverNoLabelledNoSwitching function latchingImage: Section (Section (S	Type of button		Flat
LabelledNoSwitching function latchingNoSpring-returnNoWith front ringYesMaterial front ringYesColour front ringTianiumDegree of protection (IP), front sideSerier (Serier (Suitable for illumination		Yes
Switching function latchingMoSwitching function latchingNoSpring-returnYesWith front ringYesMaterial front ringPlasticColour front ringTitaniumDegree of protection (IP), front sideImage: State Stat	With protective cover		No
Spring-return Yes With front ring Yes Material front ring Plastic Colour front ring Titanium Degree of protection (IP), front side Solution	Labelled		No
With front ring Yes Material front ring Plastic Colour front ring Titanium Degree of protection (IP), front side Sector	Switching function latching		No
Material front ringPlasticColour front ringTitaniumDegree of protection (IP), front sidePlo7/IP69K	Spring-return		Yes
Colour front ring Titanium Degree of protection (IP), front side IP67/IP69K	With front ring		Yes
Degree of protection (IP), front side	Material front ring		Plastic
	Colour front ring		Titanium
Degree of protection (NEMA), front side 4X	Degree of protection (IP), front side		IP67/IP69K
	Degree of protection (NEMA), front side		4X