DATASHEET - M22-DDL-GR

Double actuator pushbutton, RMQ-Titan, Actuators and indicator lights non-flush, momentary, White lens, green, red, Blank, Bezel: titanium

Part no.	**M22-DDL-GR**
	216698
EL Number (Norway)	**4355672**

General specifications

Product name	Eaton Moeller® series M22 Double actuator pushbutton
Part no.	M22-DDL-GR
EAN	4015082166984
Product Length/Depth	30 millimetre
Product height	55 millimetre
Product width	30 millimetre
Product weight	0.015 kilogram
Compliances	CE Marked
Certifications	DNV UL 508 CSA Std. C22.2 No. 94-91 CSA Class No.: 3211-03 UL Category Control No.: NKCR LR GL CSA Std. C22.2 No. 14-05 VDE UL File No.: E29184 CSA CSA-C22.2 No. 14-05 IEC 60947-5 CSA-C22.2 No. 94-91 EN 60947-5 CSA File No.: 012528 IEC/EN 60947 CE UL VDE 0660 IEC/EN 60947-5
Product Tradename	M22
Product Type	Double actuator pushbutton
Product Sub Type	None

Features & Functions

Bezel color	Titanium
Bezel material	Plastic
Design	Classical Non-Flush
Fitted with:	Front ring
Inscription	Blank
Lens color	White

General information

Degree of protection	NEMA 12 NEMA 13 NEMA 4X IP66 NEMA 3R
Degree of protection (front side)	NEMA 4X IP66
Lifespan, mechanical	200,000 Operations
Opening diameter	22.5 mm
Operating frequency	3600 Operations/h
Product category	RMQ-Titan
Size	Front dimensions: 29,7 x 54,7 mm
Suitable for	Illumination
Type	Double 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
Ambient storage temperature - min	40 °C
Ambient storage temperature - max	80 °C
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	
Actuating force	5 N
Actuator color	Green, red
Actuator function	Spring-return Momentary
Contacts	
Force for positive opening - min	0 N
Design 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 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	Red/green
Number of command positions	2
Construction type lens	Oval

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			IP66
Degree of protection (NEMA), front side			4X