



Emergency stop/emergency switching off pushbutton, RMQ-Titan, Mushroom-shaped, 38 mm, Illuminated with LED element, Pull-to-release function, Red, yellow, RAL 3000

Part no. M22-PVL
216878
EL Number 4355322
(Norway)

General specifications		
Product name		Eaton Moeller® series M22 Emergency stop/emergency switching off pushbutton
Part no.		M22-PVL
EAN		4015082168780
Product Length/Depth		38 millimetre
Product height		70 millimetre
Product width		38 millimetre
Product weight		0.039 kilogram
Compliances		CE Marked
Certifications		GL DNV LR CSA-C22.2 No. 14-05 CSA File No.: 012528 CSA CSA-C22.2 No. 94-91 IEC/EN 60947-5 UL Category Control No.: NKCR CE IEC/EN 60947 VDE 0660 UL UL File No.: E29184 CSA Class No.: 3211-03 VDE UL 508 CSA Std. C22.2 No. 94-91 EN 60947-5 CSA Std. C22.2 No. 14-05 IEC 60947-5
Product Tradename		M22
Product Type		Emergency stop/emergency switching off pushbutton
Product Sub Type		None
Catalog Notes		Max. Configuration: 4 x M22-(C)K01, ...10 or 2 x M22-(C)K02, ...20, ...11 and 1 x M22-(F)LED... - When using M22-PVL... with 1 x M22-K01SMC10 (single channel), article M22-XSMC (order no.: 173030) is required. Order this item separately.
Features & Functions		
Bezel color		Other
Base color		Yellow
Bezel material		Other
Color		Red
Design		Classical Mushroom-shaped
Features		Tamper-proof (according to ISO 13850, EN 418)
Illumination		Illuminated with LED element
RAL-number		3000
Unlocking method		Pull-release
General information		
Degree of protection		NEMA 4X, 13 IP66
Lifespan, mechanical		100,000 Operations
Opening diameter		22.5 mm
Operating frequency		600 Operations/h
Product category		RMQ-Titan
Size		Front dimensions: 35 mm
Suitable for		Illumination

Type	Emergency stop
	Controlled stop pushbutton/emergency-stop button
Ambient conditions, mechanical	
Mounting position	As required
Shock resistance	Mechanical, According to IEC/EN 60068-2-27 50 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
Ambient storage temperature - min	40 °C
Ambient storage temperature - max	80 °C
Climatic proofing	Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Communication	
Connection to SmartWire-DT	No
Actuator	
Actuating force	50 N
Actuator color	Red
Actuator diameter	38 mm
Actuator function	Pull-to-release Switching function latching
Contacts	
Force for positive opening - min	0 N
Design verification	
Equipment heat dissipation, current-dependent P _{vid}	0 W
Heat dissipation capacity P _{diss}	0 W
Heat dissipation per pole, current-dependent P _{vid}	0 W
Rated operational current for specified heat dissipation (I _n)	0 A
Static heat dissipation, non-current-dependent P _{vs}	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 mushroom push-button (EC001038)

Colour button			Red
Construction type lens			Round
Diameter cap		mm	38
Hole diameter		mm	22.5
Width opening		mm	0
Height opening		mm	0
Degree of protection (IP)			IP66
Degree of protection (NEMA)			4X, 13
Type of button			High
Suitable for illumination			Yes
With lighting			No
Supply voltage lamp		V	0
Switching function latching			Yes
Spring-return			No
With front ring			No
Material front ring			Other
Colour front ring			Other
Suitable for emergency stop			Yes
Unlocking method			Pull-release