

HALT/STOP-Button, RMQ-Titan, Mushroom-shaped, 38 mm, Illuminated with LED element, Pull-to-release function, Black, yellow, RAL 9005



Part no. M22S-PVL
230962
EL Number 4355764
(Norway)

General specifications		
Product name		Eaton Moeller® series M22 Emergency stop/emergency switching off pushbutton
Part no.		M22S-PVL
EAN		4015082309626
Product Length/Depth		38 millimetre
Product height		70 millimetre
Product width		38 millimetre
Product weight		0.039 kilogram
Compliances		Contact Manufacturer
Certifications		IEC/EN 60947 UL CSA-C22.2 No. 14-05 IEC/EN 60947-5 UL File No.: E29184 CSA Class No.: 3211-03 CSA File No.: 012528 CSA CSA-C22.2 No. 94-91 VDE 0660 CE UL 508 UL Category Control No.: NKCR DNV GL LR
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		Black
Design		Mushroom-shaped Classical
Illumination		Illuminated with LED element
RAL-number		9005
Unlocking method		Pull-release
General information		
Degree of protection		IP67/IP69K NEMA 4X, 13
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 pushbutton STOP pushbutton
Ambient conditions, mechanical		
Mounting position		As required
Shock resistance		50 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
Climatic proofing		Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Communication		
Connection to SmartWire-DT		Yes With SWD-RMQ connections
Actuator		
Actuating force		50 N
Actuator color		Black
Actuator diameter		38 mm
Actuator function		Pull-to-release
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)			
Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Front element for mushroom push-button actuators (ecl@ss13-27-37-12-12 [AKF030019])			
Colour button			Black
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)			IP67/IP69K
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			No
Spring-return			No
With front ring			No
Material front ring			Other
Colour front ring			Other
Suitable for emergency stop			No
Unlocking method			Pull-release