



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
(Norway)**

4355764

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
Certifications		UL Category Control No.: NCCR LR CSA-C22.2 No. 14-05 UL VDE 0660 CSA File No.: 012528 DNV CSA CE UL 508 IEC/EN 60947 IEC/EN 60947-5 GL CSA Class No.: 3211-03 CSA-C22.2 No. 94-91 UL File No.: E29184
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		Classical Mushroom-shaped
Illumination		Illuminated with LED element
RAL-number		9005
Unlocking method		Pull-release
General information		
Degree of protection		NEMA 4X, 13 IP67/IP69K
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		STOP pushbutton Emergency stop pushbutton
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
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		
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 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 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