

HALT/STOP-Button, RMQ-Titan, Mushroom-shaped, Pull-to-release function



Part no. M30S-PVL30

197549

EL Number (Norway)

4300408

General specifications		
Product name		Eaton Moeller® series M30 Emergency stop/emergency switching off pushbutton
Part no.		M30S-PVL30
EAN		4015081942657
Product Length/Depth		30 millimetre
Product height		32 millimetre
Product width		30 millimetre
Product weight		0.03 kilogram
Certifications		CSA CCC EN 60947-5-1 CE EN ISO 13850 EN 50581 EAC Machines 2006/42/EG
Product Tradename		M30
Product Type		Emergency stop/emergency switching off pushbutton
Product Sub Type		None
Features & Functions		
Bezel color		Other
Base color		Yellow
Bezel material		Other
Design		Classical Mushroom-shaped
Illumination		Illuminated with LED element
RAL-number		9005
Unlocking method		Pull-release
General information		
Degree of protection		NEMA 4X IP66
Lifespan, mechanical		70,000 Operations
Opening diameter		30.5 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
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		Yes With SWD-RMQ connections
Actuator		

Actuating force		50 N
Actuator color		Black
Actuator diameter		30 mm
Actuator function		Switching function latching 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.
10.11 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 (ec1@ss13-27-37-12-12 [AKF030019])		
Colour button		Black
Construction type lens		Round
Diameter cap	mm	30
Hole diameter	mm	30.5
Width opening	mm	0
Height opening	mm	0
Degree of protection (IP)		IP66
Degree of protection (NEMA)		4X
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			No
Unlocking method			Pull-release