DATASHEET - M22-PV45P-MPI

Emergency stop/emergency switching off pushbutton, RMQ-Titan, Palm-tree shape, 45 mm, Non-illuminated, Pull-to-release function, Red, yellow, with mechanical switch position indication

Part no.	**M22-PV45P-MPI**
	152863
EL Number (Norway)	**4315267**

Product name	Eaton Moeller® series M22 Emergency stop/emergency switching off pushbutton
Part no.	M22-PV45P-MPI
EAN	4015081496419
Product Length/Depth	67 millimetre
Product height	45 millimetre
Product width	45 millimetre
Product weight	0.043 kilogram
Compliances	CE
Certifications	VDE 0660 IEC/EN 60947 DNV LR GL
Product Tradename	M22
Product Type	Emergency stop/emergency switching off pushbutton
Product Sub Type	None
Bezel color	Other
Base color	Yellow
Bezel material	Other
Color	Red
Design	Palm-tree shaped Classical
Features	Tamper-proof (according to ISO 13850, EN 418)
Illumination	Non-illuminated
Indication	With mechanical switch position indication Switch position indication green: Pushbutton released Switch position indication red: Pushbutton actuated
RAL-number	3000
Unlocking method	Pull-release
Degree of protection	IP66 NEMA 4X
Lifespan, mechanical	100,000 Operations
Opening diameter	22.5 mm
Operating frequency	600 Operations/h
Product category	RMQ-Titan
Suitable for	Emergency stop
Type	Controlled stop pushbutton/emergency-stop button
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
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

Connection to SmartWire-DT		No
Actuating force		50 N
Actuator color		Red
Actuator diameter		45 mm
Actuator function		Switching function latching Pull-to-release
Force for positive opening - min		0 N
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 8.0

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@ss10.0.1-27-37-12-12 [AKF030014])

Colour button		Red
Construction type lens		Round
Diameter cap	mm	45
Hole diameter	mm	22.5
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		No
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

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