

**Emergency stop/emergency switching off pushbutton, RMQ-Titan,
Mushroom-shaped, 38 mm, Non-illuminated, Pull-to-release function, 1
NC, Red, yellow**



Part no. **M22-PV/K01**
216515
EL Number **4355288**
(Norway)

Product name	Eaton Moeller® series M22 Emergency stop/emergency switching off pushbutton
Part no.	M22-PV/K01
EAN	4015082165154
Product Length/Depth	90 millimetre
Product height	38 millimetre
Product width	38 millimetre
Product weight	0.052 kilogram
Certifications	CSA-C22.2 No. 94-91 IEC/EN 60947 IEC/EN 60947-5 VDE 0660 UL UL 508 CSA File No.: 012528 CSA-C22.2 No. 14-05 CE UL Category Control No.: NKCR UL File No.: E29184 CSA Class No.: 3211-03 CSA LR DNV GL
Product Tradename	M22
Product Type	Emergency stop/emergency switching off pushbutton
Product Sub Type	None
Catalog Notes	Max. number of contacts: four M22-(C)K01, ...10 or two M22-(C)K02, ...20, ...11
Base color	Yellow
Design	Mushroom-shaped Classical
Features	Tamper-proof (according to ISO 13850, EN 418)
Illumination	Non-illuminated
Unlocking method	Pull-release
Degree of protection	IP66 NEMA 4X, 13
Lifespan, mechanical	100,000 Operations
Mounting method	Built-in
Opening diameter	22.5 mm
Operating frequency	600 Operations/h
Overvoltage category	III
Pollution degree	3
Product category	RMQ-Titan
Size	Front dimensions: 35 mm
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, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
Rated operational voltage			24 V AC/DC (LED)
Rated conditional short-circuit current (I _q)			1 kA
Connection to SmartWire-DT			No
Connection type			Screw connection
Actuating force			50 N
Actuator color			Red
Actuator diameter			38 mm
Actuator function			Pull-to-release
Actuator travel and actuation force (DIN EN 60947-5-1)			4.8 mm
Knob travel			5.7 mm
Force for positive opening - min			15 N
Number of contacts (normally closed contacts)			1
Number of contacts (normally open contacts)			0
Equipment heat dissipation, current-dependent P _{vid}			0 W
Heat dissipation capacity P _{diss}			0 W
Heat dissipation per pole, current-dependent P _{vid}			0.11 W
Rated operational current for specified heat dissipation (I _n)			6 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			The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
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) / Emergency stop complete (EC002034)			
Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / EMERGENCY-STOP pushbutton, complete device (ec@ss10.0.1-27-37-12-44 [ACN986011])			
Unlocking method			Pull-release
Number of contacts as normally closed contact			1

Number of contacts as normally open contact			0
Degree of protection (IP)			IP66
Degree of protection (NEMA)			4X, 13
Mounting method			Built-in
With lighting			No
Supply voltage lamp		V	0
Hole diameter		mm	22.5
Connection type auxiliary circuit			Screw connection
Diameter cap		mm	38