Specifications







Eaton 216879

Eaton Moeller® series M22 Emergency stop/emergency switching off pushbutton, RMQ-Titan, Mushroom-shaped, 38 mm, Non-illuminated, Key-release, Red, yellow, RAL 3000, Not suitable for master key systems

General specifications	
PRODUCT NAME	Eaton Moeller® series M22 emergency stop/emergency switching off pushbutton
CATALOG NUMBER	216879
MODEL CODE	M22-PVS
EAN	4015082168797
PRODUCT LENGTH/DEPTH	93 mm
PRODUCT HEIGHT	38 mm
PRODUCT WIDTH	38 mm
PRODUCT WEIGHT	0.06 kg
COMPLIANCES	CE Marked
CERTIFICATIONS	EN 60947-5 IEC 60947-5 CSA Std. C22.2 No. 94-91 CSA Std. C22.2 No. 14-05 UL 508 VDE CSA File No.: 012528 CSA-C22.2 No. 94-91 VDE 0660 UL CE IEC/EN 60947 UL File No.: E29184 CSA Class No.: 3211-03 IEC/EN 60947-5 UL Category Control No.: NKCR CSA CSA-C22.2 No. 14-05 DNV
CATALOG NOTES	Max. number of contacts: four M22-(C)K01, …10 or two M22-(C)K02, …20, …11

Actuator

ACTUATING FORCE	50 N
ACTUATOR COLOR	Red
ACTUATOR DIAMETER	38 mm
ACTUATOR FUNCTION	Key-release Switching function latching
COLOR	Red
DESIGN	Mushroom-shaped Classical
ILLUMINATION	Non-illuminated
UNLOCKING METHOD	Key-release

Contacts

FORCE FOR POSITIVE OPENING - MIN	0 N

Climatic environmental conditions

AMBIENT OPERATING TEMPERATURE - MAX	70 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
CLIMATIC PROOFING	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78

Communication

CONNECTION TO SMARTWIRE-DT	No

Design verification

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.
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.

Features & functions

BASE COLOR	Yellow
BEZEL COLOR	Other
BEZEL MATERIAL	Other
DESIGN	Mushroom-shaped Classical
FEATURES	Tamper-proof (according to ISO 13850, EN 418)
RAL-NUMBER	3000

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.
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

General information

ACCESSORIES	1 key included with supplied equipment.
DEGREE OF PROTECTION	IP67/IP69K NEMA 4X, 13
LIFESPAN, MECHANICAL	100,000 Operations
MOUNTING POSITION	As required
OPENING DIAMETER	22.5 mm
OPERATING FREQUENCY	600 Operations/h
PRODUCT CATEGORY	RMQ-Titan
SIZE	Front dimensions: 35 mm
SUITABLE FOR	Emergency stop
TYPE	Controlled stop pushbutton/emergency-stop button

Resources

CATALOGUES	eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf
DECLARATIONS OF CONFORMITY	eaton-emergency-stop-emergency-switching-off-pushbutton-declaration-of-conformity-uk251132en.pdf eaton-emergency-stop-emergency-switching-off-pushbutton-declaration-of-conformity-eu251534en.pdf
DRAWINGS	eaton-operating-emergency-m22-dimensions-002.eps eaton-operating-button-symbol-006.eps eaton-general-approval-m22-symbol.eps eaton-operating-mounting-m22-3d-drawing.eps eaton-operating-button-symbol.eps eaton-general-m22-symbol.eps eaton-general-m22-standards.eps
ECAD MODEL	ETN.216879.edz
INSTALLATION INSTRUCTIONS	IL04716005Z.pdf IL04716002Z
MCAD MODEL	DA-CS-not_aus_ms

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

Eaton Corporation plc Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

© 2026 Eaton. All Rights Reserved.

Follow us on social media to get the latest product and support information.