

Specifications



Eaton 197537

Eaton Moeller® series M22 Emergency stop/emergency switching off pushbutton, RMQ-Titan, Mushroom-shaped, 30 mm, Illuminated with LED element, Pull-to-release function, Red, yellow

General specifications

PRODUCT NAME	Eaton Moeller® series M22 emergency stop/emergency switching off pushbutton
CATALOG NUMBER	197537
MODEL CODE	M22-PVL30
EAN	4015081942534
PRODUCT LENGTH/DEPTH	30 mm
PRODUCT HEIGHT	32 mm
PRODUCT WIDTH	30 mm
PRODUCT WEIGHT	0.03 kg
CERTIFICATIONS	EN 50581 EAC EN 60947-5-1 CCC CSA CE EN ISO 13850 Machines 2006/42/EG



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Actuator

ACTUATING FORCE	50 N
ACTUATOR COLOR	Red
ACTUATOR DIAMETER	30 mm
ACTUATOR FUNCTION	Switching function latching Pull-to-release
DESIGN	Classical Mushroom-shaped
ILLUMINATION	Illuminated with LED element
UNLOCKING METHOD	Pull-release

Climatic environmental conditions

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

Contacts

FORCE FOR POSITIVE OPENING - MIN	0 N
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Communication

CONNECTION TO SMARTWIRE-DT	No
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Design verification

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	Is the panel builder's

Features & functions

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

ELECTRICAL CIRCUITS AND CONNECTIONS	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.
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

DEGREE OF PROTECTION	NEMA 4X IP66 IP69
LIFESPAN, MECHANICAL	70,000 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 Illumination
TYPE	Controlled stop pushbutton/emergency-stop button

Resources

CATALOGUES	eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf
CERTIFICATION REPORTS	000Z425
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-m22-dimensions-003.eps eaton-operating-button-m22-symbol-006.eps
ECAD MODEL	ETN.197537.edz

INSTALLATION INSTRUCTIONS	eaton-rmq-titan-m22-m30-emergency-switching-off-emergency-stop-instruction-leaflet-il047025zu.pdf
MCAD MODEL	eaton-pushbuttons-mcad-drawings-m22-pvl30.dwg DA-CS-m22_pvl30

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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