

Specifications



Eaton 121463

Eaton Moeller® series M22 Emergency stop/emergency switching off pushbutton, RMQ-Titan, Palm-tree shape, 45 mm, Non-illuminated, Turn-to-release function, Red, yellow, RAL 3000, with mechanical switch position indication

General specifications

PRODUCT NAME	Eaton Moeller® series M22 emergency stop/emergency switching off pushbutton
CATALOG NUMBER	121463
MODEL CODE	M22-PVT45P-MPI
EAN	4015081192830
PRODUCT LENGTH/DEPTH	67 mm
PRODUCT HEIGHT	45 mm
PRODUCT WIDTH	45 mm
PRODUCT WEIGHT	0.043 kg
CERTIFICATIONS	IEC/EN 60947 VDE 0660 DNV GL LR



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Product specifications

TYPE	Controlled stop pushbutton/emergency-stop button
ACTUATOR COLOR	Red
FEATURES	Tamper-proof (according to ISO 13850, EN 418)
ACTUATOR FUNCTION	Switching function latching Turn-to-release
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	Does not apply, since the

Resources

CATALOGUES	eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf
CERTIFICATION REPORTS	000Z425 eaton-emergency-stop-emergency-switching-off-pushbutton-declaration-of-conformity-eu250649en.pdf eaton-emergency-stop-emergency-switching-off-pushbutton-declaration-of-conformity-uk251132en.pdf
DECLARATIONS OF CONFORMITY	eaton-emergency-stop-emergency-switching-off-pushbutton-declaration-of-conformity-uk251132en.pdf
DRAWINGS	eaton-operating-m22-dimensions-015.eps eaton-operating-m22-dimensions-007.eps eaton-general-approval-m22-symbol.eps eaton-operating-m22-3d-drawing-004.eps eaton-operating-button-symbol-002.eps eaton-operating-button-symbol-006.eps eaton-general-m22-standards.eps eaton-general-m22-symbol.eps
ECAD MODEL	ETN.121463.edz
INSTALLATION INSTRUCTIONS	IL04716002Z IL04716005Z.pdf
MCAD MODEL	DA-CS-not_au_45_schaltanzeige DA-CD-not_au_45_schaltanzeige

PROTECTION OF ASSEMBLIES	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.
OPERATING FREQUENCY	600 Operations/h
BUTTON COLOR	Red
CLIMATIC PROOFING	Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
CONNECTION TO SMARTWIRE-DT	No
BASE COLOR	Yellow
ACTUATING FORCE	50 N
ACTUATOR DIAMETER	45 mm
AMBIENT OPERATING TEMPERATURE - MAX	70 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
AMBIENT STORAGE TEMPERATURE - MAX	80 °C
AMBIENT STORAGE TEMPERATURE - MIN	40 °C
DIAMETER CAP	45 mm
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0 W
FORCE FOR POSITIVE OPENING - MIN	0 N
HEAT DISSIPATION CAPACITY PDISS	0 W

HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0 W
OPENING DIAMETER	22.5 mm
RAL-NUMBER	3000
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	0 A
ILLUMINATION	Non-illuminated
BEZEL COLOR	Other
SHOCK RESISTANCE	Mechanical, According to IEC/EN 60068-2-27 50 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms
COLOR	Red
INDICATION	With mechanical switch position indication Switch position indication green: Pushbutton released Switch position indication red: Pushbutton actuated
BEZEL MATERIAL	Other
DESIGN	Palm-tree shaped Classical
MOUNTING POSITION	As required
DEGREE OF PROTECTION	NEMA 4X IP67/IP69K
FRONT ELEMENT TYPE	High
LENS TYPE	Round
LIFESPAN, MECHANICAL	100,000 Operations
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W
PRODUCT CATEGORY	RMQ-Titan
SIZE	Front dimensions: 22 x 22 mm
SUITABLE FOR	Emergency stop
UNLOCKING METHOD	Turn-release

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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