

Specifications



Eaton 152862

Eaton Moeller® series M22 Emergency stop/emergency switching off pushbutton, RMQ-Titan, Palm-tree shape, 45 mm, Non-illuminated, Pull-to-release function, Red, yellow

General specifications

PRODUCT NAME	Eaton Moeller® series M22 emergency stop/emergency switching off pushbutton
CATALOG NUMBER	152862
MODEL CODE	M22-PV45P
EAN	4015081496402
PRODUCT LENGTH/DEPTH	67 mm
PRODUCT HEIGHT	45 mm
PRODUCT WIDTH	45 mm
PRODUCT WEIGHT	0.043 kg
COMPLIANCES	CE
CERTIFICATIONS	VDE 0660 IEC/EN 60947 DNV GL LR

Actuator

ACTUATING FORCE	50 N
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ACTUATOR COLOR	Red
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ACTUATOR DIAMETER	45 mm
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ACTUATOR FUNCTION	Switching function latching
	Pull-to-release

COLOR	Red
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DESIGN	Palm-tree shaped Classical
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ILLUMINATION	Non-illuminated
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UNLOCKING METHOD	Pull-release
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Climatic environmental conditions

AMBIENT OPERATING TEMPERATURE - MAX	70 °C
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AMBIENT STORAGE TEMPERATURE - MAX	80 °C
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AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
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AMBIENT STORAGE TEMPERATURE - MIN	40 °C
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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

10.10 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.

Features & functions

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

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.
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
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: 22 x 22 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
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-016.eps eaton-operating-m22-dimensions-015.eps

	eaton-operating-button-symbol-006.eps eaton-general-approval-m22-symbol.eps eaton-general-m22-symbol.eps eaton-general-m22-standards.eps eaton-operating-m22-3d-drawing-006.eps
ECAD MODEL	ETN.152862.edz
INSTALLATION INSTRUCTIONS	IL04716005Z.pdf IL04716002Z
	DA-CS-not aus 45
MCAD MODEL	eaton-programmable-displays-mcad-drawings-not-aus-45.dwg

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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