Specifications





Eaton 225528

Eaton Moeller® series M22 Emergency stop/emergency switching off pushbutton, RMQ-Titan, Mushroom-shaped, 38 mm, Non-illuminated, Pull-to-release function, Black, yellow, RAL 9005

General specifications	
PRODUCT NAME	Eaton Moeller® series M22 stop button
CATALOG NUMBER	225528
MODEL CODE	M22S-PV
EAN	4015082255282
PRODUCT LENGTH/DEPTH	38 mm
PRODUCT HEIGHT	70 mm
PRODUCT WIDTH	38 mm
PRODUCT WEIGHT	0.039 kg
COMPLIANCES	CE Marked
CERTIFICATIONS	CSA Std. C22.2 No. 14-05 IEC 60947-5 EN 60947-5 CSA Std. C22.2 No. 94-91 UL 508 VDE VDE 0660 IEC/EN 60947 IEC/EN 60947-5 CSA Class No.: 3211-03 UL UL File No.: E29184 CE CSA File No.: 012528 CSA-C22.2 No. 14-05 CSA-C22.2 No. 94-91 UL Category Control No.: NKCR CSA DNV GL LR

Actuator

ACTUATING FORCE	50 N
ACTUATOR COLOR	Black
ACTUATOR DIAMETER	38 mm
ACTUATOR FUNCTION	Pull-to-release
COLOR	Black
DESIGN	Mushroom-shaped Classical
ILLUMINATION	Non-illuminated
UNLOCKING METHOD	Pull-release

Contacts

FORCE FOR POSITIVE OPENING - MIN	0 N

Climatic environmental conditions

AMBIENT OPERATING TEMPERATURE - MAX	70 °C
AMBIENT STORAGE TEMPERATURE - MAX	80 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
AMBIENT STORAGE TEMPERATURE - MIN	40 °C
CLIMATIC PROOFING	Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30

Communication

CONNECTION TO SMARTWIRE-DT	Yes With SWD-RMQ connections

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
RAL-NUMBER	9005

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	IP66 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
TYPE	• Emergency stop pushbutton • STOP pushbutton

Resources

CATALOGUES	eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf
DECLARATIONS OF CONFORMITY	eaton-key-operated-actuator-declaration-of-conformity-eu251544en.pdf
DRAWINGS	eaton-operating-emergency-m22-dimensions-003.eps eaton-general-approval-m22-symbol.eps eaton-general-m22-standards.eps eaton-operating-emergency-m22-3d-drawing.eps eaton-operating-button-symbol-005.eps eaton-general-m22-symbol.eps
ECAD MODEL	ETN.225528.edz
INSTALLATION INSTRUCTIONS	IL04716002Z
MCAD MODEL	DA-CS-not_aus

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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