

Specifications

Eaton 182972

Eaton Moeller® series C22 EMERGENCY STOP/EMERGENCY OFF button, classic, palm shape, 45 mm, turn-to-release function, 2 N/C, cable (black) with M12A plug, 4-pole, 0.2 m

General specifications

PRODUCT NAME	Eaton Moeller® series C22 Emergency stop/emergency switching off pushbutton
CATALOG NUMBER	182972
MODEL CODE	C22-PVT45P-MPI-K02-P1
EAN	4015081778997
PRODUCT LENGTH/DEPTH	297 mm
PRODUCT HEIGHT	45 mm
PRODUCT WIDTH	45 mm
PRODUCT WEIGHT	0.073 kg
CERTIFICATIONS	UL 508 IEC/EN 60947-5-5 CSA IEC/EN 60947-5-1 CSA certified UL Listed CSA Class No.: 321103 CSA-C22.2 No. 14-10 UL VDE 0660 UL File No.: E340491 CE marking CE CSA-C22.2 No. 94-91 CSA-C22.2 No. 94.2-07 CSA File No.: 165628
CATALOG NOTES	Contacts with safety function, by positive opening to IEC/EN 60947-5-1
GLOBAL CATALOG	182972



Powering Business Worldwide

Product specifications

TYPE	Controlled stop pushbutton/emergency-stop button
ACTUATOR COLOR	Red
FEATURES	Tamper-proof (according to ISO 13850, EN 418) Positive opening Mechanical switch position indication
ACTUATOR FUNCTION	Turn-to-release
OPERATING FREQUENCY	300 Operations/h
POLLUTION DEGREE	3
CLIMATIC PROOFING	Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
CONNECTION TO SMARTWIRE-DT	No
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	800 V AC
ILLUMINATION	Non-illuminated
CABLE MATERIAL	PUR
BASE COLOR	Yellow
ACTUATING FORCE	50 N
ACTUATOR DIAMETER	45 mm
ACTUATOR TRAVEL AND ACTUATION FORCE (DIN EN 60947-5-1)	4.65 mm
AMBIENT OPERATING TEMPERATURE - MAX	70 °C
AMBIENT OPERATING TEMPERATURE - MIN	-30 °C
DIAMETER CAP	45 mm
FORCE FOR POSITIVE OPENING - MIN	30 N
KNOB TRAVEL	5.7 mm
LAMP VOLTAGE - MAX	0 V
NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS)	2
NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS)	0
INDICATION	Switch position indication

Resources

CATALOGS	eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf
CONTROL TRAVEL DIAGRAM	eaton-operating-adapter-key-operated-actuator-contact-travel-diagram.eps
DECLARATIONS OF CONFORMITY	DA-DC-00004177.pdf DA-DC-00004138.pdf
DRAWINGS	eaton-operating-c22-dimensions.eps eaton-operating-button-symbol-002.eps eaton-operating-3d-drawing-006.eps
FLYERS	eaton-rmq-titan-selection-aid-brochure-fl047002-en-us.pdf
INSTALLATION INSTRUCTIONS	IL047010ZU.pdf
INSTALLATION VIDEOS	Eaton's RMQ compact solution pilot devices
MCAD MODEL	DA-CD-c22_pvt45p_m12a_4pol DA-CS-c22_pvt45p_m12a_4pol
SALES NOTES	eaton-rmq-mci-multi-color-light-indicator-flyer-fl047005en-en-us.pdf eaton-rmq-c22-compact-pilot-device-flyer-fl047013en-en-us.pdf eaton-rmq-compact-solution-flyer-fl047001en-en-us.pdf
WIRING DIAGRAMS	eaton-operating-wiring-diagram-008.eps

	red: Pushbutton actuated Switch position indication green: Pushbutton released
DESIGN	M12A Classical Palm-tree shaped
MOUNTING POSITION	As required
RATED CONDITIONAL SHORT-CIRCUIT CURRENT (IQ)	1 kA
CONNECTION TYPE	Cable (black) with M12A plug, 4 pole
MOUNTING METHOD	Built-in
CABLE LENGTH	0.2 m
OVERVOLTAGE CATEGORY	III
CONTROL CIRCUIT RELIABILITY	1 failure per 900,000 switching operations statistically determined, at 17 V DC/7 mA: N/C contact)
CONNECTION TYPE (AUXILIARY CIRCUIT)	Other
DEGREE OF PROTECTION	IP Other NEMA 4X, 13
SHOCK RESISTANCE	30 g, Mechanical, Shock duration 11 ms
LIFESPAN, MECHANICAL	50,000 operations
UNLOCKING METHOD	Turn-release
SHORT-CIRCUIT PROTECTION RATING	Max. 4 A gG/gL, Fuse, Contacts
OPENING DIAMETER	22.5 mm
RATED INSULATION VOLTAGE (UI)	250 V
RATED OPERATIONAL CURRENT (IE) AT AC-15, 24 V	4 A
RATED OPERATIONAL CURRENT (IE) AT DC-13, 24 V	3 A
PRODUCT CATEGORY	RMQ compact solution
TIGHTENING TORQUE	2 Nm, Threaded ring 1 Nm, Plug

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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