Specifications





Eaton Moeller® series C22 Emergency stop/emergency switching off button, classic, mushroom, 38mm, pull release, 2 N/C, cable (black) with m12a plug, 4p, 0.2m



General specifications	5
PRODUCT NAME	Eaton Moeller® series C22 Emergency stop/emergency switching off pushbutton
CATALOG NUMBER	182975
MODEL CODE	C22-PV-K02-P1
EAN	4015081779024
PRODUCT LENGTH/DEPTH	297 mm
PRODUCT HEIGHT	38 mm
PRODUCT WIDTH	38 mm
PRODUCT WEIGHT	0.051 kg
CERTIFICATIONS	IEC/EN 60947-5-1 CSA CSA-C22.2 No. 14-10 CSA Class No.: 321103 UL IEC/EN 60947-5-5 CSA certified CSA File No.: 165628 CSA-C22.2 No. 94-91 UL Listed UL File No.: E340491 CE UL 508 VDE 0660 CE marking CSA-C22.2 No. 94.2-07
CATALOG NOTES	Contacts with safety function, by positive opening to IEC/EN 60947- 5-1
GLOBAL CATALOG	182975



Product specification	IS
ТҮРЕ	Controlled stop pushbutton/emergency-stop button
ACTUATOR COLOR	Red
FEATURES	Tamper-proof (according to ISO 13850, EN 418) Positive opening
ACTUATOR FUNCTION	Pull-to-release
OPERATING FREQUENCY	300 Operations/h
POLLUTION DEGREE	3
CLIMATIC PROOFING	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
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	38 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	38 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
DESIGN	Classical Mushroom-shaped M12A

	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-00004138.pdf DA-DC-00004177.pdf
		eaton-operating-c22- dimensions-003.eps
	DRAWINGS	eaton-operating-button- symbol-006.eps
		eaton-operating-3d- drawing-003.eps
	ECAD MODEL	DA-CE-ETN.C22-PV-K02-P1
	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 pv m12a 4pol
-	SALES NOTES	eaton-rmq-mci-multi- color-light-indicator-flyer- fl047005en-en-us.pdf
		eaton-rmq-compact- solution-flyer-fl047001en- en-us.pdf
		eaton-rmq-c22-compact- pilot-device-flyer- fl047013en-en-us.pdf
-	WIRING DIAGRAMS	eaton-operating-wiring- diagram-008.eps

MOUNTING POSITION RATED CONDITIONAL SHORT-CIRCUIT CURRENT (IQ) CONNECTION TYPE MOUNTING METHOD CABLE LENGTH OVERVOLTAGE CATEGORY III CONNECTION TYPE CONTROL CIRCUIT RELIABILITY I failure per 900,000 Switching operations statistically determined, at 17 V DC/7 mA: N/C contact) CONNECTION TYPE (AUXILIARY CIRCUIT) DEGREE OF PROTECTION SHOCK RESISTANCE LIFESPAN, MECHANICAL UNLOCKING METHOD SHORT-CIRCUIT PROTECTION RATING OPENING DIAMETER PROTECTION RATING OPENING DIAMETER RATED INSULATION VOLTAGE (UI) RATED OPERATIONAL CURRENT (IE) AT AC-15, 24 V RATED OPERATIONAL CURRENT (IE) AT DC-13, 24 V PRODUCT CATEGORY AMBIENT STORAGE TEMPERATURE - MIN TIGHTENING TORQUE AMBIENT STORAGE TEMPERATURE - MIN TIGHTENING TORQUE ACABLE (black) with M12A plug 1 kA A SA Cable (black) with M12A plug 1 kA A SA Cable (black) with M12A plug 1 kA A SA Cable (black) with M12A plug 1 kA A SA CONTACT THE MALL A POOL AND A POOL THE MALL		
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CABLE LENGTH 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) DEGREE OF PROTECTION POther NEMA 4X, 13 SHOCK RESISTANCE 10 JP Other NEMA 4X, 13 SHOCK RESISTANCE LIFESPAN, MECHANICAL UNLOCKING METHOD Pull-release SHORT-CIRCUIT PROTECTION RATING OPENING DIAMETER PROTECTION RATING OPENING DIAMETER RATED INSULATION VOLTAGE (UI) RATED OPERATIONAL CURRENT (IE) AT AC-15, 24 V PRODUCT CATEGORY AMBIENT STORAGE TEMPERATURE - MIN TIGHTENING TOROUF 1 failure per 900,000 Switching operations Switching operations statistically determined, at 17 V DC/7 mA: N/C contact) 17 V DC/7 mA: N/C contact) 18 Other 18 Other 18 Other NEMA 4X, 13 30 g, Mechanical, Shock duration 11 ms 50,000 operations Max. 4 A gG/gL, Fuse, Contacts 22.5 mm RATED OPERATIONAL CURRENT (IE) AT AC-15, 24 V RATED OPERATIONAL CURRENT (IE) AT DC-13, 24 V PRODUCT CATEGORY RMQ compact solution AMBIENT STORAGE TEMPERATURE - MIN TIGHTENING TOROUF	CONNECTION TYPE	
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CONTROL CIRCUIT RELIABILITY Switching operations statistically determined, at 17 V DC/7 mA: N/C contact) CONNECTION TYPE (AUXILIARY CIRCUIT) DEGREE OF PROTECTION SHOCK RESISTANCE LIFESPAN, MECHANICAL UNLOCKING METHOD SHORT-CIRCUIT PROTECTION RATING OPENING DIAMETER RATED INSULATION VOLTAGE (UI) RATED OPERATIONAL CURRENT (IE) AT AC-15, 24 V PRODUCT CATEGORY AMBIENT STORAGE TEMPERATURE - MIN TIGHTENING TOROUE Other Other Other NEMA 4X, 13 30 g, Mechanical, Shock duration 11 ms FOOD Operations Max. 4 A gG/gL, Fuse, Contacts Contacts OPENING DIAMETER 22.5 mm 250 V RATED OPERATIONAL CURRENT (IE) AT AC-15, 24 V RATED OPERATIONAL CURRENT (IE) AT DC-13, 24 V PRODUCT CATEGORY RMQ compact solution AMBIENT STORAGE TEMPERATURE - MIN 2 Nm, Threaded ring		III
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SHORT-CIRCUIT PROTECTION RATING OPENING DIAMETER RATED INSULATION VOLTAGE (UI) RATED OPERATIONAL CURRENT (IE) AT AC-15, 24 V RATED OPERATIONAL CURRENT (IE) AT DC-13, 24 V PRODUCT CATEGORY AMBIENT STORAGE TEMPERATURE - MIN Max. 4 A gG/gL, Fuse, Contacts 4 A 22.5 mm 4 A 350 V RATED OPERATIONAL CURRENT (IE) AT AC-15, 24 V PRODUCT CATEGORY AMBIENT STORAGE TEMPERATURE - MIN 2 Nm, Threaded ring	LIFESPAN, MECHANICAL	50,000 operations
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CURRENT (IE) AT AC-15, 4 A 24 V RATED OPERATIONAL CURRENT (IE) AT DC-13, 3 A 24 V PRODUCT CATEGORY RMQ compact solution AMBIENT STORAGE TEMPERATURE - MIN TIGHTENING TOROUF 2 Nm, Threaded ring		250 V
CURRENT (IE) AT DC-13, 24 V PRODUCT CATEGORY RMQ compact solution AMBIENT STORAGE TEMPERATURE - MIN TIGHTENING TOROUF 2 Nm, Threaded ring	CURRENT (IE) AT AC-15,	4 A
AMBIENT STORAGE TEMPERATURE - MIN -30 °C 2 Nm, Threaded ring	CURRENT (IE) AT DC-13,	3 A
TEMPERATURE - MIN -30 °C 2 Nm, Threaded ring	PRODUCT CATEGORY	RMQ compact solution
HGMTFNING TOROUF		-30 °C
	TIGHTENING TORQUE	

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	



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