DATASHEET - C22-PVT45P-MPI-K02-P1

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

Part no. **C22-PVT45P-MPI-K02-P1**
182972

General specifications	
Product name	Eaton Moeller® series C22 Emergency stop/emergency switching off pushbutton
Part no.	C22-PVT45P-MPI-K02-P1
EAN	4015081778997
Product Length/Depth	297 millimetre
Product height	45 millimetre
Product width	45 millimetre
Product weight	0.073 kilogram
Certifications	CE CSA File No.: 165628 CSA UL CSA Class No.: 321103 CSA-C22.2 No. 94.2-07 CE marking UL File No.: E340491 IEC/EN 60947-5-1 CSA certified IEC/EN 60947-5-5 UL 508 UL Listed CSA-C22.2 No. 94-91 VDE 0660 CSA-C22.2 No. 14-10
Product Tradename	C22
Product Type	Emergency stop/emergency switching off pushbutton
Product Sub Type	None
Catalog Notes	Contacts with safety function, by positive opening to IEC/EN 60947-5-1
Features & Functions	
Base color	Yellow
Design	Palm-tree shaped Classical M12A
Features	Mechanical switch position indication Positive opening Tamper-proof (according to ISO 13850, EN 418)
Illumination	Non-illuminated
Indication	Switch position indication green: Pushbutton released Switch position indication red: Pushbutton actuated
Unlocking method	Turn-release
General information	
Cable length	0.2 m
Cable material	PUR
Connection to SmartWire-DT	No
Connection type	Cable (black) with M12A plug, 4 pole
Degree of protection	NEMA 4X, 13 IP Other
Lifespan, mechanical	50,000 operations
Mounting method	Built-in
Mounting position	As required
Opening diameter	22.5 mm
Operating frequency	300 Operations/h
Overvoltage category	III
Pollution degree	3
Product category	RMQ compact solution

Rated impulse withstand voltage (Uimp)			800 V AC
Shock resistance			30 g, Mechanical, Shock duration 11 ms
Tightening torque			1 Nm, Plug 2 Nm, Threaded ring
Type			Controlled stop pushbutton/emergency-stop button
Climatic environmental conditions			
Ambient operating temperature - min			-30 °C
Ambient operating temperature - max			70 °C
Climatic proofing			Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
Electrical rating			
Rated conditional short-circuit current (Iq)			1 kA
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
Short-circuit protection rating			Max. 4 A gG/gL, Fuse, Contacts
Actuator			
Actuating force			50 N
Actuator color			Red
Actuator diameter			45 mm
Actuator function			Turn-to-release
Actuator travel and actuation force (DIN EN 60947-5-1)			4.65 mm
Knob travel			5.7 mm
Contacts			
Control circuit reliability			1 failure per 900,000 switching operations statistically determined, at 17 V DC/7 mA: N/C contact)
Force for positive opening - min			30 N
Number of contacts (normally closed contacts)			2
Number of contacts (normally open contacts)			0

Technical data ETIM 9.0

Low-voltage industrial components (EG000017) / Emergency stop complete (EC002034)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / EMERGENCY-STOP pushbutton, complete device (ecl@ss13-27-37-12-44 [ACN986016])

Unlocking method			Turn-release
Number of contacts as normally closed contact			2
Number of contacts as normally open contact			0
Degree of protection (IP)			Other
Degree of protection (NEMA)			4X, 13
Mounting method			Built-in
With lighting			No
Supply voltage lamp		V	0
Hole diameter		mm	22.5
Connection type auxiliary circuit			Other
Diameter cap		mm	45

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