



Emergency stop/emergency switching off pushbutton, Palm-tree shape, 45 mm, Turn-to-release function, 2 NC, Cable (black) with non-terminated end, 4 pole, 1 m

Part no. **C22-PVT45P-K02-P62**
Catalog No. **185155**



Delivery program

Product range			RMQ compact solution
Basic function			Controlled stop pushbuttons/emergency-stop buttons
Mounting hole diameter	∅	mm	22.5
Single unit/Complete unit			Complete unit
Design			Palm-tree shape
Diameter	∅	mm	45
Illumination			Non-illuminated
			Turn-to-release function
Connection type			Cable (black) with non-terminated end, 4 pole
Cable Length		m	1
Description			Tamper-proof according to ISO 13850, EN 418

Colour

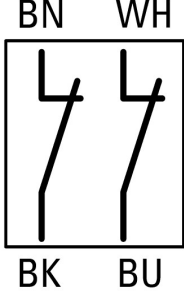
Mushroom head			Red
			
Base			yellow
Degree of Protection			IP66, IP67, IP69 (front) IP65 (on rear)
Connection to SmartWire-DT			no

Contacts

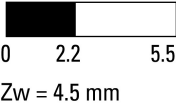
N/C = Normally closed			2 NC 
Notes			 = safety function, by positive opening to IEC/EN 60947-5-1

Actuator travel and actuation force as per DIN EN 60947-5-1, K.5.4.1

	mm		4.65
Maximum travel	mm		5.7
Minimum force for positive opening	N		30

Contact sequence			
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Contact travel  = Contact closed  = Contact open

Contact diagram			
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Positive opening (ZW)		yes
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Technical data

General

Standards			IEC/EN 60947-5-5 VDE 0660
Certifications			CE, UL, CSA
Operating frequency	Operations/h		≤ 300
Actuating force	n		≤ 50
Tightening torque Threaded ring	Nm		2
Climatic proofing			Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Degree of Protection			IP66, IP67, IP69 (front) IP65 (on rear)
Ambient temperature			
Open	°C		-30 - +70
Storage	°C		- 30 - + 80
Mounting position			As required
Mechanical shock resistance, shock duration 11 ms	g		> 30

Contacts

Rated impulse withstand voltage	U_{imp}	V AC	800
Rated insulation voltage	U_i	V	30
Overvoltage category/pollution degree			III/3
Control circuit reliability			
At 17 V DC/7 mA	H_F		N/C contact: statistically determined 1 failure per 0.9×10^6 Operations
Max. short-circuit protective device			
Fuse	gG/gL	A	4
Rated conditional short-circuit current	I_q	kA	1

Switching capacity

Rated operational current	I_e	A	
AC-15			
24 V	I_e	A	4
DC-13			
24 V	I_e	A	3

Cable characteristics

Design			Cable end open
Cable Length		m	1
Material characteristic			PUR
Diameter	∅	mm	4.7

Design verification as per IEC/EN 61439

Technical data for design verification			
Operating ambient temperature min.		°C	-30
Operating ambient temperature max.		°C	70

Technical data ETIM 7.0

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@ss10.0.1-27-37-12-44 [ACN986011])			
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
Mounting method			Built-in
With lighting			No
Hole diameter		mm	22.5
Connection type auxiliary circuit			Other

Diameter cap	mm	45
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Approvals

Product Standards		IEC/EN 60947-5-1; UL 508; CAN/CSA-C22.2 No. 14-10 and No. 94-M91 and No. 94.2-07; CE marking
UL File No.		E340491
CSA File No.		165628
CSA Class No.		321103
North America Certification		UL listed, CSA certified
Degree of Protection		1,3R,4X,12,13

Dimensions

