




Part no.
Article no.

C22-PVT45P-MPI-K02-P62
185162



Delivery program

Product range			RMQ compact solution
Basic function			Controlled stop pushbuttons/emergency-stop buttons
Single unit/Complete unit			Complete unit
Design			Palm-tree shape
Diameter	Ø	mm	45
Illumination			Non-illuminated
			Turn-to-release function
Connection type			Cable (black) with non-terminated end, 4 pole
Cable Length		m	1
Description			with mechanical switch position indication Switch position indication green → pushbutton released Tamper-proof according to ISO 13850, EN 418

Colour



Mushroom head			Red
			
Base			yellow
Degree of Protection			IP66, IP67, IP69K (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			<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> BN  BK </div> <div style="text-align: center;"> WH  BU </div> </div>
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Contact travel  = Contact closed  = Contact open

Contact diagram			 0 2.2 5.5 Zw = 4.5 mm
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Technical data

General


Standards			IEC/EN 60947-5-5
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		VDE 0660
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, IP69K (front) IP65 (on rear)
Mounting position		As required
Mechanical shock resistance, shock duration 11 ms	g	> 30

Contacts

Rated impulse withstand voltage	U _{imp}	V AC	4000
Rated insulation voltage	U _i	V	250
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	-25
Operating ambient temperature max.		°C	70

Technical data ETIM 6.0

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 (ecI@ss8.1-27-37-12-44 [ACN986008])			
Unlocking method			Turn unlatching mechanism
Number of contacts as normally closed contact			2
Number of contacts as normally open contact			0
Degree of protection (IP)			-
Mounting method			Built-in
With lighting			No
Hole diameter		mm	22
Connection type auxiliary circuit			-
Diameter cap		mm	45

Dimensions

