



**Emergency stop/emergency switching off pushbutton, Mushroom-shaped, 38 mm, Pull-to-release function, 2 NC, Cable (black) with non-terminated end, 4 pole, 1 m**

**Part no. C22-PV-K02-P62**  
**Catalog No. 185169**

**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			Mushroom-shaped
Diameter	∅	mm	38
Illumination			Non-illuminated
			Pull-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, 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, 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 $0.9 \times 10^6$ 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			Pull-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	38
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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

