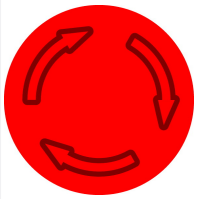
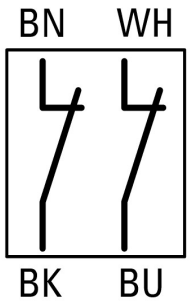
Part no. C22-PVT-K02-P62
Article no. 185176

Powering Business Worldwide

Delivery program

Product range			RMQ compact solution
Basic function			Controlled stop pushbuttons/emergency-stop buttons
Single unit/Complete unit			Complete unit
Design			Mushroom-shaped
Diameter	⌀	mm	38
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, 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			
Contact travel ■ = Contact closed □ = Contact open			
Contact diagram			 Zw = 4.5 mm

Technical data

General

Standards			IEC/EN 60947-5-5 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	Iq	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 (ecl@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	38

Dimensions