



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
Single unit/Complete unit			Complete unit
Design			Mushroom-shaped
Diameter	Ø	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			<div>BN WH</div> <div></div> <div>BK BU</div>
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Contact travel = Contact closed = Contact open

Contact diagram			<div></div> <div>Zw = 4.5 mm</div>
Positive opening (ZW)			yes

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 × 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	Ø	mm	4.7

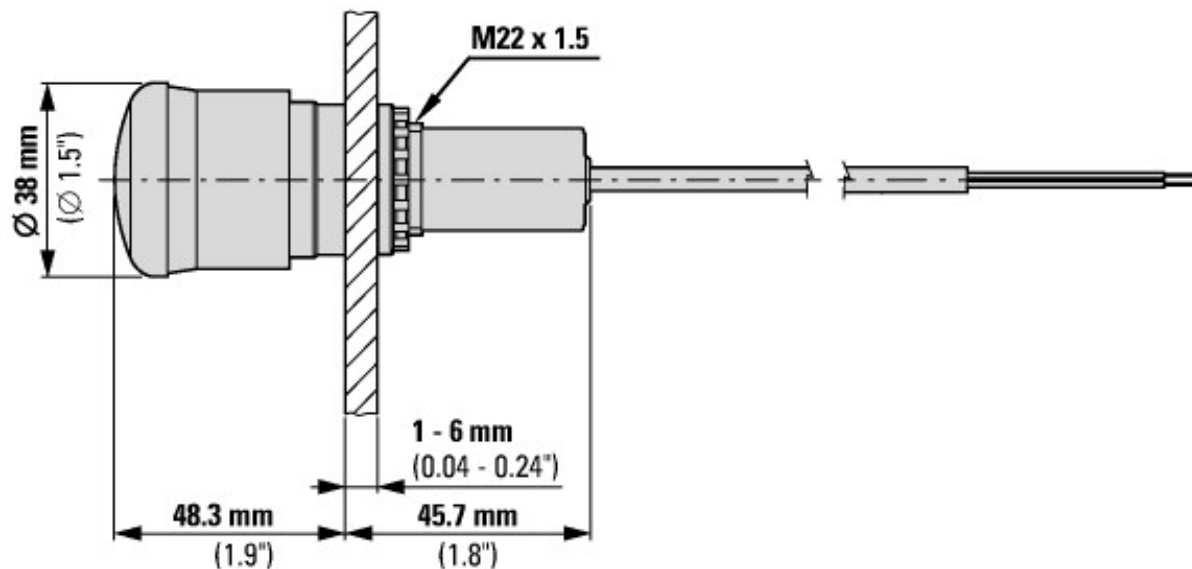
Design verification as per IEC/EN 61439

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
Connection type auxiliary circuit			Other
Diameter cap		mm	38

Dimensions



Assets (links)

Declaration of CE Conformity

00003255

Instruction Leaflets

IL047010ZU2018_05

Additional product information (links)

IL047010ZU RMQ compact solution: Emergency-Switching-Off/Emergency-Stop

IL047010ZU RMQ compact solution:
Emergency-Switching-Off/Emergency-Stop

ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL047010ZU2019_05.pdf