

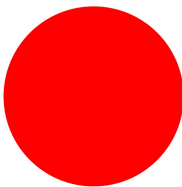


Emergency stop/emergency switching off pushbutton, Mushroom-shaped, 38 mm, Pull-to-release function, 2 NC, Cable (black) with M12A plug, 5 pole, 0.2 m

Part no.
Catalog No.

C22-PV-K02-P10
185184

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 M12A plug, 5 pole
Cable Length		m	0.2
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			1  2 4  5
Contact travel  = Contact closed  = Contact open			
Contact diagram			 0 2.2 5.5 Zw = 4.5 mm
Positive opening (ZW)			yes

Technical data

General

Standards			IEC/EN 60947-5-5 VDE 0660
Certifications			CE, UL, CSA
Lifespan, mechanical	Operations	$\times 10^6$	> 1
Operating frequency	Operations/h		≤ 300
Actuating force		n	≤ 50
Plug tightening torque		N/m	1
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			M12A
Cable Length		m	0.2
Material characteristic			PUR
Diameter	$\varnothing$	mm	4.7

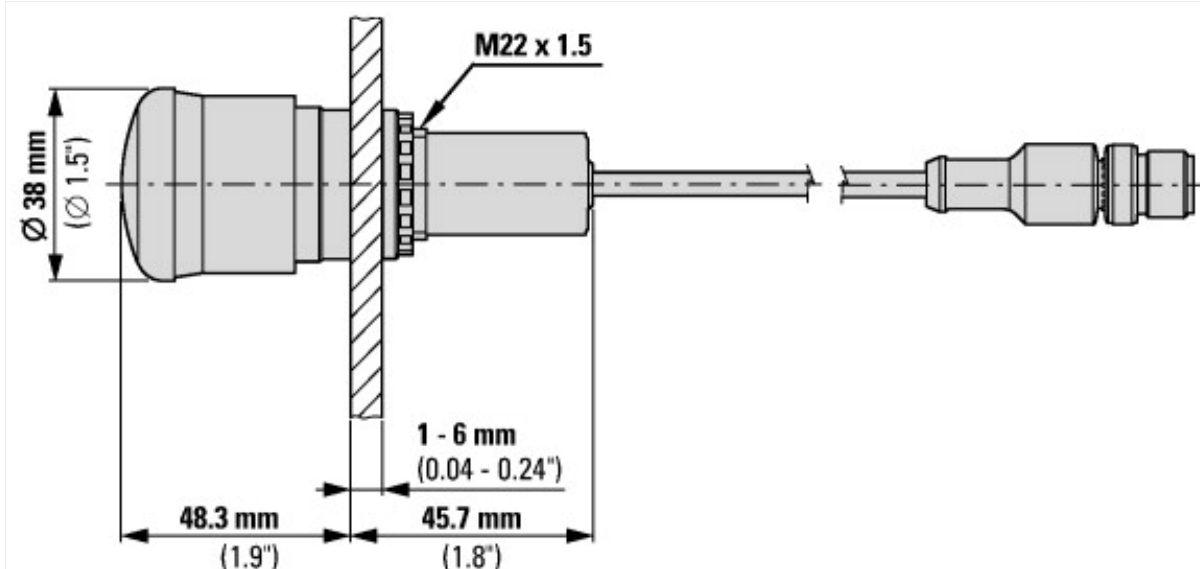
Design verification as per IEC/EN 61439

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 (ecI@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

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