DATASHEET - C22-DR-X-K10-P65

Pushbutton, classic, flat, maintained, 1 N/O, cable (black) with non-terminated end, 4 pole, 3.5 m

Part no.   **C22-DR-X-K10-P65**
Catalog No.   **185631**

Delivery program

Product range		RMQ compact solution
Basic function		Pushbutton actuators
Single unit/Complete unit		Complete unit
Design		Flat
		maintained
Connection type		Cable (black) with non-terminated end, 4 pole
Cable Length	m	3.5
Button plate		
button plate		Without button plate
Degree of Protection		IP66, IP67, IP69 (front) IP65 (on rear)
Front ring		Bezel: titanium
Connection to SmartWire-DT		no
Contacts		
N/O = Normally open		1 N/O
Contact sequence		BN BK

Contact travel ■ = Contact closed □ = Contact open

Contact diagram		0 3.15 5.5

Technical data

General

Standards		IEC/EN 60947-5-1 VDE 0660
Certifications		CE, UL, CSA
Operating frequency	Operations/h	≦ 3600
Actuating force	n	≦ 5
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, 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/O: 1 failure per 17×10^6 switching operations, statistically determined
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	3.5
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) / Push button, complete (EC001028)
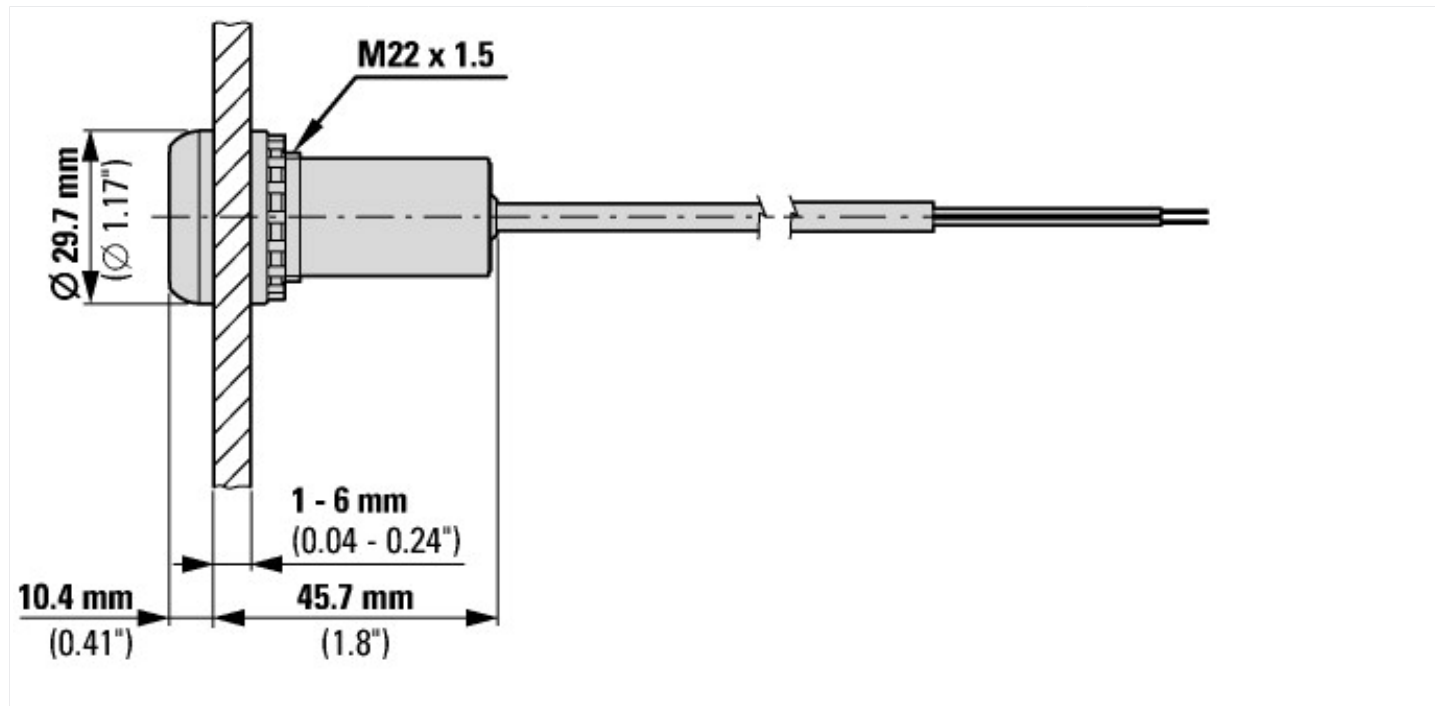
Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Push-button actuator, complete unit (ecl@ss10.0.1-27-37-12-28 [AKF046014])

Number of command positions			1
Type of button			Flat
Colour button			Without button plate
Construction type lens			Round
Hole diameter		mm	22
Width opening		mm	0
Height opening		mm	0
Suitable for illumination			No
Switching function latching			Yes
Spring-return			No
Supply voltage lamp		V	0
Number of contacts as normally open contact			1
Number of contacts as normally closed contact			0
Number of contacts as change-over contact			0
Type of electric connection			Other
With front ring			Yes
Material front ring			Plastic
Colour front ring			Grey
Degree of protection (IP)			Other
Degree of protection (NEMA)			Other

Approvals

Product Standards	IEC/EN 60947-5-1; UL 508; CAN/CSA-C22.2 No. 14-18 and No. 94.2-15; CE marking
UL File No.	E29184
UL Category Control No.	NKCR
CSA File No.	165628
CSA Class No.	321103
North America Certification	UL listed, CSA certified
Degree of Protection	2, 12

Dimensions

Assets (links)

Declaration of CE Conformity
00003256

Instruction Leaflets
IL047016ZU2018_06

Additional product information (links)

IL047016ZU RMQ compact solution

IL047016ZU RMQ compact solution	ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL047016ZU2018_06.pdf