

Pushbutton, classic, flat, tasted, 1 N/O, cable (black) with m12a plug, 4 pole, 0.2 \mbox{m}



Part no. C22-D-X-K10-P1 Catalog No. 185680

Product range		RMQ compact solution
Basic function		Pushbutton actuators
Single unit/Complete unit		Complete unit
Design		Flat
		momentary
Connection type		Cable (black) with M12A plug, 4 pole
Cable Length	m	0.2
Button plate		
button plate		Without button plate
Degree of Protection		IP66, IP67, IP69 (frontseitig) IP65 (on rear)
ront ring		Bezel: titanium
Connection to SmartWire-DT		no
Contacts		
N/O = Normally open		1 N/0
		4
Contact travel = Contact closed = Contact open		
Contact diagram		0 3.15 5.5

Technical data

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General			
Standards			IEC/EN 60947-5-1 VDE 0660
Certifications			CE, UL, CSA
Lifespan, mechanical	Operations	x 10 ⁶	>5
Operating frequency	Operations/h		≦ 3600
Actuating force		n	≦ ₅
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, IP67, IP69 (frontseitig) 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	Ui	V	250
Overvoltage category/pollution degree			III/3
Control circuit reliability			
At 17 V DC/7 mA	H _F		N/O: 1 failure per 17 \times 10 6 switching operations, statistically determined
Max. short-circuit protective device			
Fuse	gG/gL	Α	4
Rated conditional short-circuit current	I_q	kA	1
Switching capacity			
Rated operational current	l _e	Α	
AC-15			
24 V	Ie	Α	4
DC-13			
24 V	Ie	Α	3
Cable characteristics			
Design			M12A
Cable Length		m	0.2
Material characteristic			PUR
Diameter	Ø	mm	4.7

Design verification as per IEC/EN 61439

Technical data for design verification		
Operating ambient temperature max.	°C	-25
Operating ambient temperature max.	°C	70

Technical data ETIM 6.0

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@ss8.1-27-37-12-28 [AKF046011])

Number of command positions Image: Color button Image: Color button plate Without button plate Construction type lens Image: Color button 20 Hole diameter Image: Color button 20 Width opening Image: Color button 30 Type of button Image: Color button 10 Suitable for illumination Image: Color button 10 Switching function latching Image: Color button 10 Spring-return Image: Color button 10 Supply voltage lamp Image: Color button button latching Image: Color button button latching Image: Color button button latching Supply voltage lamp Image: Color button button latching Supply voltage lamp Image: Color button button latching Image: Color button	[AKF046011])		
Construction type lensRoundHole diametermm22Width openingmm0Height meter openingmm0Degree of protection (IP)	Number of command positions		1
Hole diameter mm 22 Width opening mm 0 Height meter opening mm 0 Degree of protection (IP)	Colour button		Without button plate
Width openingmm0Height meter openingmm0Degree of protection (IP)Type of buttonFlatFlatSuitable for illuminationNoNoSwitching function latchingYesYesSupply voltage lampV0Number of contacts as normally open contactYes1Number of contacts as normally closed contactYes0Number of contacts as change-over contactYes0Type of electric connectionYesYesWith front ringYesYesMaterial front ringYesYesMaterial front ringYesYesMaterial front ringYesYes	Construction type lens		Round
Height meter opening Degree of protection (IP) Type of button Suitable for illumination Switching function latching Spring-return Supply voltage lamp Number of contacts as normally open contact Number of contacts as normally closed contact Number of contacts as change-over contact Type of electric connection With front ring Material front ring Material front ring Mmm 0	Hole diameter	mm	22
Degree of protection (IP) Type of button Suitable for illumination Switching function latching Spring-return Supply voltage lamp Vu Sumber of contacts as normally open contact Number of contacts as normally closed contact Number of contacts as change-over contact Type of electric connection With front ring Material front ring Material front ring - Calcalled Alexandra Selact Sel	Width opening	mm	0
Type of button Suitable for illumination Switching function latching Spring-return Spring-return Supply voltage lamp V 0 Number of contacts as normally open contact Number of contacts as normally closed contact Number of contacts as normally closed contact Outpubly voltage lamp V 1 Number of contacts as normally closed contact V 1 Number of contacts as normally closed contact V 1 Number of contacts as change-over contact V 1 V 1 V 1 V 1 V 1 V 1 V 1 V	Height meter opening	mm	0
Suitable for illumination Switching function latching No Spring-return Supply voltage lamp V 0 Number of contacts as normally open contact Number of contacts as normally closed contact Number of contacts as change-over contact V V V V V V V V V V V V V	Degree of protection (IP)		•
Switching function latching Spring-return Supply voltage lamp V 0 Number of contacts as normally closed contact Number of contacts as normally closed contact Number of contacts as change-over contact Type of electric connection With front ring Material front ring No Yes No Yes Plastic	Type of button		Flat
Spring-return Supply voltage lamp V 0 0 Number of contacts as normally open contact Number of contacts as normally closed contact Number of contacts as change-over contact Type of electric connection Vith front ring Material front ring Yes Yes Yes Plastic	Suitable for illumination		No
Supply voltage lamp V 0 Number of contacts as normally open contact Number of contacts as normally closed contact Number of contacts as change-over contact Type of electric connection With front ring Material front ring V 0 C Ves Plastic	Switching function latching		No
Number of contacts as normally open contact Number of contacts as normally closed contact Number of contacts as change-over contact Number of contacts as change-over contact Type of electric connection With front ring Material front ring Plastic	Spring-return		Yes
Number of contacts as normally closed contact Number of contacts as change-over contact Type of electric connection Vith front ring Material front ring Plastic	Supply voltage lamp	V	0
Number of contacts as change-over contact Type of electric connection With front ring Material front ring Plastic	Number of contacts as normally open contact		1
Type of electric connection - With front ring Yes Material front ring Plastic	Number of contacts as normally closed contact		0
With front ring Waterial front ring Yes Material front ring Plastic	Number of contacts as change-over contact		0
Material front ring Plastic	Type of electric connection		-
	With front ring		Yes
Colour front ring Grey	Material front ring		Plastic
	Colour front ring		Grey

Dimensions

