



Part no.  
Article no.

C22-DR-X-K01-P62  
185611



## 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	1

## Button plate

		Without button plate
Degree of Protection		IP66, IP67, IP69K (front) IP65 (on rear)
Front ring		Bezel: titanium
Connection to SmartWire-DT		no

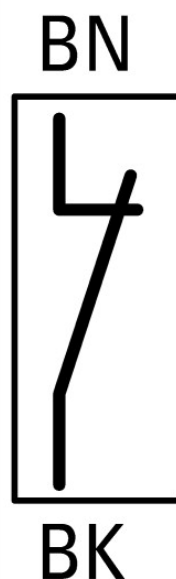
## Contacts

N/C = Normally closed		1 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	15

## Contact sequence




## 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 60947-5-1 VDE 0660
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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, IP69K (front) IP65 (on rear)
Mounting position			As required
Mechanical shock resistance, shock duration 11 ms	g		> 30

Contacts

Rated impulse withstand voltage	U <sub>imp</sub>	V AC	4000
Rated insulation voltage	U <sub>i</sub>	V	250
Overvoltage category/pollution degree			III/3
Control circuit reliability			
At 17 V DC/7 mA	H <sub>F</sub>		N/C contact: statistically determined 1 failure per 0.9 × 10 <sup>6</sup> Operations
Max. short-circuit protective device			
Fuse	gG/gL	A	4
Rated conditional short-circuit current	I <sub>q</sub>	kA	1

Switching capacity

Rated operational current	I <sub>e</sub>	A	
AC-15			
24 V	I <sub>e</sub>	A	4
DC-13			
24 V	I <sub>e</sub>	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) / 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			1
Colour button			Without button plate
Construction type lens			Round
Hole diameter		mm	22
Width opening		mm	0
Height meter opening		mm	0
Degree of protection (IP)			-
Type of button			Flat
Suitable for illumination			No
Switching function latching			Yes
Spring-return			No
Supply voltage lamp		V	0
Number of contacts as normally open contact			0
Number of contacts as normally closed contact			1
Number of contacts as change-over contact			0
Type of electric connection			-

With front ring		Yes
Material front ring		Plastic
Colour front ring		Grey

## Dimensions

