



**Pushbutton, Extended, momentary, 2 NC, Screw connection, red, inscribed, Bezel: black**




**Part no. C22S-DH-R-X0-K02**  
**Catalog No. 121509**  
**Alternate Catalog No. C22S-DH-R-X0-K02**



**Delivery program**

Product range		RMQ Compact
Basic function		Pushbutton actuators
Single unit/Complete unit		Complete unit
Design		Extended
		momentary
Connection type		Screw connection

**Button plate**

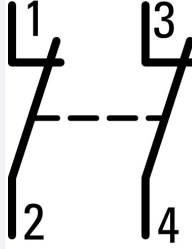
button plate		red
Button plate		
		inscribed
Name		0
Degree of Protection		IP66, IP67, IP69
Front ring		Bezel: black
Connection to SmartWire-DT		no

**Contacts**

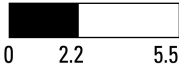
N/C = Normally closed		2 NC 
Notes		 = safety function, by positive opening to IEC/EN 60947-5-1

**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		
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**Contact travel**  = Contact closed  = Contact open

Contact diagram		 Zw = 4.5 mm
Positive opening (ZW)		yes

**Technical data**

Standards		IEC/EN 60947-5-1
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			VDE 0660
Lifespan, mechanical	Operations	x 10 <sup>6</sup>	> 5
Operating frequency	Operations/h		≅ 3600
Actuating force	n		≅ 5
Climatic proofing			Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Degree of Protection			IP66, IP67, IP69
Ambient temperature			
Open	°C		-25 - +70
Storage	°C		- -30 - + 80
Mounting position			As required
Terminal capacities	mm <sup>2</sup>		
Solid	mm <sup>2</sup>		2 x 0.5 - 1.5_x
Flexible with ferrule	mm <sup>2</sup>		2 x 0.5 - 1.5_x
Tightening torque for terminal screw	Nm		0.8

## Contacts

Rated impulse withstand voltage	U <sub>imp</sub>	V AC	4000
Rated insulation voltage	U <sub>i</sub>	V	250
Rated conditional short-circuit current	I <sub>q</sub>	kA	1
Overvoltage category/pollution degree			III/3
Max. short-circuit protective device			
Fuse	gG/gL	A	10

## 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 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			High
Colour button			Red
Construction type lens			Round
Hole diameter		mm	22.5
Width opening		mm	0
Height opening		mm	0
Suitable for illumination			No
Switching function latching			No
Spring-return			Yes
Supply voltage lamp		V	0
Number of contacts as normally open contact			0
Number of contacts as normally closed contact			2
Number of contacts as change-over contact			0
Type of electric connection			Screw connection
With front ring			Yes
Material front ring			Plastic
Colour front ring			Other
Degree of protection (IP)			Other
Degree of protection (NEMA)			

## Approvals

Product Standards			IEC/EN 60947-5-1; UL 508; CAN/CSA-C22.2 No. 14-05 und 94-M91; CE marking
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