



**Key-operated actuator, RMQ Compact, momentary, 2 NC, Screw connection, 2 positions, MS9, Bezel: titanium**

**Part no.** C22-WS-MS9-K02  
**Catalog No.** 136750  
**Alternate Catalog No.** C22-WS-MS9-K02

### Delivery program

Product range			RMQ Compact
Basic function			Key-operated buttons
Single unit/Complete unit			Complete unit momentary
<b>Function:</b>			
			40°
Connection type			Screw connection Not suitable for master key systems 2 positions
Lock mechanism			MS9
<b>Key withdrawable in position</b>			0
Degree of Protection			IP66
Front ring			Bezel: titanium
Connection to SmartWire-DT			no
<b>Contacts</b>			
N/C = Normally closed			2 NC
Notes			= safety function, by positive opening to IEC/EN 60947-5-1
<b>Actuator travel and actuation force as per DIN EN 60947-5-1, K.5.4.1</b>			
	mm		4.65
Maximum travel	mm		5.7
Minimum force for positive opening	N		30
Contact sequence			
<b>Contact travel  = Contact closed  = Contact open</b>			
Contact diagram			 Zw = 4.5 mm
Positive opening (ZW)			yes
Information about equipment supplied			With 1 key

### Technical data

<b>General</b>			
Standards			IEC/EN 60947-5-1 VDE 0660
Lifespan, mechanical	Operations	x 10 <sup>6</sup>	> 0.1

Operating frequency	Operations/h		≤ 100
Operating torque	Nm		≤ 0.5
Climatic proofing			Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Degree of Protection			IP66
Mounting position			As required
Terminal capacities	mm <sup>2</sup>		
Solid	mm <sup>2</sup>		2 x 0.5 - 1.5
Flexible with ferrule	mm <sup>2</sup>		2 x 0.5 - 1.5
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
Control circuit reliability			
at 24 V DC/5 mA	H <sub>F</sub>	Fault probability	values follow
at 5 V DC/1 mA	H <sub>F</sub>	Fault probability	values follow
Max. short-circuit protective device			
Fuse	gG/gL	A	10

## Technical data ETIM 7.0

Low-voltage industrial components (EG000017) / Selector switch, complete (EC001029)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Selector switch, complete unit (ecl@ss10.0.1-27-37-12-43 [ACN984011])

Number of switch positions			2
Type of control element			Key
Suitable for illumination			No
With light source			No
Colour button			Black
Hole diameter		mm	22.5
Width opening		mm	0
Height opening		mm	0
Switching function latching			No
Spring-return			Yes
Degree of protection (IP)			IP66
Degree of protection (NEMA)			
Supply voltage		V	0 - 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

## Approvals

Product Standards			IEC/EN 60947-5-1; UL 508; CAN/CSA-C22.2 No. 14-05 und 94-M91; 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			1,3R,4X,12,13

## Dimensions

