### DATASHEET - C22-WRS-MS1-K10-P32



Key-operated actuator, RMQ compact solution, maintained, 1 N/O, Cable (black) with M8 plug, 4 pole, 1 m, 2 positions, MS1, Bezel: titanium



Part no. C22-WRS-MS1-K10-P32 Catalog No. 186247

Basic function  Single unit/Complete unit  Function:  Commercian type  Caster labeck) with Mile plug, 4 pate  Caster labeck) with Mile	Catalog No. 18624/	
Product range Base inunction  Function:  Function:  Function:  Complete unit  Com	Delivery program	
Single unit Complete unit  Function:    Function:   Fu	Product range	RMQ compact solution
Function:    Function:	Basic function	Key-operated buttons
Connection type Cable Length  In 1 Not suitable for master key systems  2 positions  Key withdrawable in position  I 1  Degree of Protection  Protection to SmartWire-DT Connection to SmartWire-DT Contact  NO = Normally open  Contact sequence  Contact travel = Contact closed = Contact open  Contact diagram  Contact diagram  Contact diagram  I 1  Contact require a contact closed = Contact open  Cable Length  I 1  I 1  I 1  I 1  I 1  I 1  I 1  I	Single unit/Complete unit	
Contact travel = Contact closed = Contact open  Cable Length  Cable (black) with Mits plug, 4 pole  Not suitable for master key systems  2 positions  MS1  1 0 0 Degree of Protection  IP68 (front) IP68	Function:	
Contact travel = Contact closed = Contact open  Cable Length  Cable (black) with Mits plug, 4 pole  Not suitable for master key systems  2 positions  MS1  1 0 0 Degree of Protection  IP68 (front) IP68		F 000
Cable Longth  Mot suitable for master key systems  2 positions  Key withdrawable in position  I	Connection type	
Lock mechanism  Key withdrawable in position  Degree of Protection  Protection  Degree of Protection  Protecting  Connection to SmartWire-DT  Contacts  NO = Normally open  Contact sequence  Contact travel = Contact closed = Contact open  Contact diagram  Not suitable for master key systems  2 positions  MS1  1  0  1  0  1  1  1  1  1  1  1  1  1		
2 positions  MS1  MS1  Degree of Protection  Degree of Protection  Front ring Bezet: stanium  Connection to SmartWire-DT  Contacts  N/O = Normally open  Contact tasquence  Contact diagram  Contact diagram  ANS1  MS1  MS1  MS1  MS1  ANS1  IPM  IPM  IPM  IPM  IPM  IPM  IPM  IP	control congru	
Lock mechanism  Key withdrawable in position  Degree of Protection  Pront ring  Connection to SmartWire-DT  Contacts  N/0 = Normally open  Contact sequence  Contact travel = Contact closed = Contact open  Contact travel = Contact closed = Contact open  Contact diagram  MST  O   0  0  0  1 P66 (front) 1P65 (on rear) PRONT travel   Contact closed   Contact open  Contact sequence  MST  I I I I I I I I I I I I I I I I I I I		
Degree of Protection  Pront ring  Bezel: trianium  Connector  N/O = Normally apen  Contacts sequence  Contact travel = Contact closed = Contact open  Contact travel = Contact closed = Contact open  Contact diagram	Lock mechanism	
Degree of Protection  Pront ring  Bezel: trianium  Connector  N/O = Normally apen  Contacts sequence  Contact travel = Contact closed = Contact open  Contact travel = Contact closed = Contact open  Contact diagram	Key withdrawable in position	
Degree of Protection  Front ring  Connection to SmartWire-DT  Contacts  N/O = Normally open  Contact sequence  Contact travel = Contact closed = Contact open  Contact travel = Contact closed = Contact open  Contact diagram		ı
Front ring Connection to SmartWire-DT  Contacts  NO = Normally open Contact sequence  Contact sequence  Contact travel = Contact closed = Contact open Contact travel = Contact closed = Contact open Contact diagram		0
Contacts N/O = Normally open Contact sequence  Contact travel = Contact closed = Contact open Contact travel = Contact closed = Contact open Contact diagram	Degree of Protection	IP66 (front) IP65 (on rear)
N/O = Normally open Contact sequence  Contact travel = Contact closed = Contact open Contact diagram  Contact diagram  The contact travel = Contact closed = Contact open  0 3.15 5.5	Front ring	
N/O = Normally open  Contact sequence    1		no
Contact travel = Contact closed = Contact open  Contact diagram  Contact diagram		
Contact travel = Contact closed = Contact open  Contact diagram  0 3.15 5.5	N/0 = Normally open	1 N/O
Contact diagram 0 3.15 5.5		
0 3.15 5.5	Contact travel = Contact closed = Contact open	
Information about equipment supplied With 1 key	Contact diagram	0 3.15 5.5
	Information about equipment supplied	With 1 key

### Technical data General

Standards		IEC/EN 60947-5-1
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			VDE 0660
Certifications			CE, UL, CSA
	Oneretions	6	
Lifespan, mechanical	Operations	x 10 <sup>6</sup>	>1
Operating frequency	Operations/h		≦ 100
Operating torque		Nm	≦ 0.5
Plug tightening torque		N/m	0.6
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 (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 <sub>imp</sub>	V AC	800
Rated insulation voltage	Ui	V	30
Overvoltage category/pollution degree			III/3
Control circuit reliability			
At 17 V DC/7 mA	H <sub>F</sub>		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 <sub>e</sub>	Α	
AC-15			
24 V	I <sub>e</sub>	Α	4
DC-13			
24 V	l <sub>e</sub>	Α	3
Cable characteristics			
Design			M8
Cable Length		m	1
Material characteristic			PUR
Diameter	Ø	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) / 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])

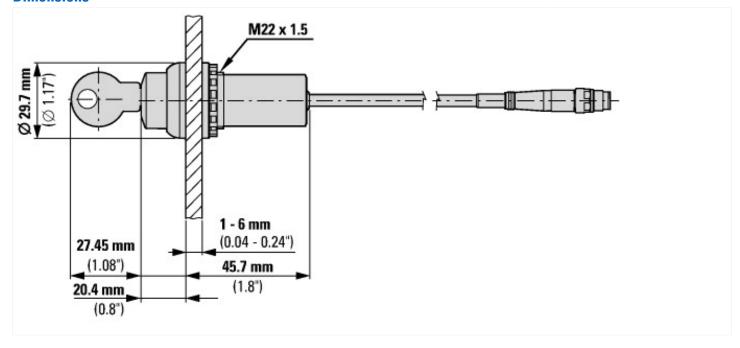
Number of switch positions		2
Type of control element		Key
Suitable for illumination		No
With light source		No
Colour button		Black
Hole diameter	mm	22.5
Width opening	mm	0
Height opening	mm	0
Switching function latching		Yes
Spring-return		No

Degree of protection (IP)			Other
Degree of protection (NEMA)			Other
Supply voltage	V	/	0 - 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			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

### **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