

Part no. Article no.

#### C22-WRS3-MS1-K11-P65 186284



### **Delivery program**

Single with Complex unit  Function:  Function:    Single with Complex unit   Marriage   Marriage   Marriage   Marriage	Delivery program			
Single unit-Complete unit  Function:  ### April ### Apr	Product range			RMQ compact solution
Function:  Connection type  Contect Longth  Column Chambinium  Lock mechanium	Basic function			Key-operated buttons
Function:  Connection type Cable Langth  Colds Langth  Co	Single unit/Complete unit			Complete unit
Connection type Cable Lineigh				maintained
Cable (black) with non-terminated and, 4 pole  Cable (Length  3	Function:			
Cable (black) with non-terminated and, 4 pole  Cable (Length  3				II.
Cable Langth    Masimum travel   Masimum travel   Masimum travel   Masimum travel   Desidue opening   Masimum travel   Contact travel   Contact closed   Conta				60° ¼ 🖟 60°
Not suitable for master key systems   3 pasitions	Connection type			Cable (black) with non-terminated end, 4 pole
Lock mechanism  Key withdrawable in position	Cable Length		m	3.5
Leck mechanism MS1   Key withdrawable in position I 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				Not suitable for master key systems
Contact travel = Contact closed = Contact closed   Contact travel = Contact closed   Con				3 positions
Degree of Protection  Degree of Protection  Front ring  Bezelt transium  Connection to SmartWire-DT  Contacts  NC = Normally closed  NO = Normally open Notos  Actuator travel and actuation force as per DIN EN 60947-5-1, KS.4.1  mm 465  Maximum travel mm 5.7  Minimum force for positive opening N  Contact sequence  Contact travel = Contact closed = Contact open  Contact diagram  Contact diagram  Positive opening (ZV)  Positive opening (ZV)  Positive opening (ZV)  Prositive opening (ZV)  Prositive opening (ZV)  N  IN C  Protect travel   PEG (front)   PEG (front)    IN C	Lock mechanism			MS1
Degree of Protection  Degree of Protection  Front ring  Bezelt transium  Connection to SmartWire-DT  Contacts  NC = Normally closed  NO = Normally open Notos  Actuator travel and actuation force as per DIN EN 60947-5-1, KS.4.1  mm 465  Maximum travel mm 5.7  Minimum force for positive opening N  Contact sequence  Contact travel = Contact closed = Contact open  Contact diagram  Contact diagram  Positive opening (ZV)  Positive opening (ZV)  Positive opening (ZV)  Prositive opening (ZV)  Prositive opening (ZV)  N  IN C  Protect travel   PEG (front)   PEG (front)    IN C	Key withdrawable in nosition			
Degree of Protection  Degree of Protection  Front ring  Connecto to SmartWire-DT  Contacts  NC = Normally open  Notes  Actuator travel and actuation force as per DIN EN 60947-5-1, K.5.4.1  min 4.65  Maximum force for positive opening  Contact sequence  Contact travel = Contact closed = Contact open  Contact travel = Contact closed = Contact open  Contact diagram  Positive opening (ZW)  Positive opening (ZW)  Presitive opening (ZW)  Ne Sezel transium  no   Protection to SmartWire-DT  no   No   No   No   No   No   No   No				
Degree of Protection  Front ring  Connection to ShardWire-DT  Contact  NC = Normally closed  NC = Normally open  NOte Normally open  Notes  Actuator travel and actuation force as per DIN EN 60947-5-1, K.5.4.1  mm				
Degree of Protection Front ring Connection to SmartWire-DT ContactS  NC = Normally closed NO = Normally open Notes  Actuator travel and actuation force as per DIN EN 60947-5-1, Minimum force for positive opening Minimum force for positive opening Moximum force for positive opening  Contact sequence  Contact travel = Contact closed = Contact open  Contact diagram  Positive opening (ZW)  Positive opening (ZW)  Page Stront   Protection   Protect				
Front ring Connection to SmartWire-DT Contacts  N/C = Normally closed  N/O = Normally open Notes  Actuator travel and actuation force as per DIN EN 60947-5-1.  K.5.4.1  mm 4.65  Maximum frore for positive opening Minimum force for positive opening Contact travel = Contact closed = Contact open  Contact travel = Contact closed = Contact open  Contact travel = Contact closed = Contact open  Fositive opening (ZW)  Fositive opening (ZW)  Fositive opening (ZW)  Fositive opening (ZW)  Fositive in September   Minimum force for positive opening to IEC/EN 60947-5-1  INC				
Frunt ring Contection to SmartWire-DT Contacts  N°C = Normally closed  N°C = Normally open  Notes  Actuator travel and actuation force as per DIN EN 60947-5-1, K.5.4.1  mm	Degree of Protection			
Contacts  N/C = Normally closed  N/O = Normally open  Notes  Actuator travel and actuation force as per DIN EN 60947-5-1, K.5.4.1  mm	Front ring			
NC = Normally clased  NO = Normally open  Notes  Actuator travel and actuation force as per DIN EN 60947-5-1, K.5.4.1  mm				
N/C = Normally closed  N/O = Normally open  Notes  Actuator travel and actuation force as per DIN EN 60947-5-1, K.5.4.1  Maximum travel  Maximum force for positive opening  Contact sequence  Contact travel = Contact closed = Contact open  Contact diagram  Contact diagram  Positive opening (ZW)  NOTE: Normally open  1 N/O  4.65  20  BN WH  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
N/O = Normally open  Notes  Actuator travel and actuation force as per DIN EN 60947-5-1,  K.5.4.1   mm  4.65  Maximum travel  min  Minimum force for positive opening  Contact sequence  BN WH  BK BU  Contact travel = Contact closed = Contact open  Contact diagram  Contact diagram  Positive opening (ZW)  Fostive opening (ZW)  Fostive opening (ZW)				
Notes  Actuator travel and actuation force as per DIN EN 60947-5-1, K.5.4.1  Maximum travel  Minimum force for positive opening  Contact sequence  Contact travel = Contact closed = Contact open  Contact diagram  Contact diagram  Positive opening (ZW)  Positive opening (ZW)  Processive opening (ZW)  Processive opening (ZW)  Paster processive opening to IEC/EN 60947-5-1  A.65  D.7  D.7  D.7  D.7  D.7  D.7  D.7  D.	N/C = Normally closed			1 NC →
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  Contact sequence  Contact travel = Contact closed = Contact open  Contact diagram  Contact diagram  Positive opening (ZW)  Positive opening (ZW)	N/O = Normally open			1 N/O
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  Contact sequence  Contact travel = Contact closed = Contact open  Contact diagram  Contact diagram  Positive opening (ZW)  Positive opening (ZW)	Notes			Α
Maximum travel  Maximum travel  Minimum force for positive opening  Contact sequence  Contact travel = Contact closed = Contact open  Contact diagram  Contact diagram  Positive opening (ZW)  Maximum travel  Maximum travel  Strip				= safety function, by positive opening to IEC/EN 60947-5-1
Maximum travel mm 5.7  Minimum force for positive opening  Contact sequence    Sh WH				
Maximum travel  Minimum force for positive opening  Contact sequence    Solution   Solut	N.3.4.1			
Minimum force for positive opening  Contact sequence  BN WH  BK BU  Contact travel = Contact closed = Contact open  Contact diagram  Contact diagram  Positive opening (ZW)		mm		
Contact sequence    BN WH		mm		5.7
Contact travel = Contact closed = Contact open  Contact diagram  3.15  0 2.2 5.5  Zw = 4.5 mm  Positive opening (ZW)  yes	Minimum force for positive opening	N		20
Contact diagram  3.15  0 2.2 5.5  Zw = 4.5 mm  Positive opening (ZW)  yes	Contact sequence			1 4
0 2.2 5.5 Zw = 4.5 mm  Positive opening (ZW)  yes	Contact travel = Contact closed = Contact open			
	Contact diagram			0 2.2 5.5
	Positive opening (ZW)			yes
	Information about equipment supplied			With 1 key

# Technical data

General			
Standards			IEC/EN 60947-5-1 VDE 0660
Operating frequency	Operations/h		≦ <sub>100</sub>
Operating torque		Nm	≦ <sub>0.5</sub>
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)
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	Ui	V	250
Overvoltage category/pollution degree			111/3
Control circuit reliability			
At 17 V DC/7 mA	H <sub>F</sub>		N/O contact: statistically determined 1 failure per 17 $\times$ 106 operations N/C contact: statistically determined 1 failure per 0.9 $\times$ 10 <sup>6</sup> Operations
Max. short-circuit protective device			
Fuse	gG/gL	Α	4
Rated conditional short-circuit current	Iq	kA	1
Switching capacity			
Rated operational current	I <sub>e</sub>	Α	
AC-15			
24 V	I <sub>e</sub>	Α	4
DC-13			
24 V	I <sub>e</sub>	Α	3
Cable characteristics			
Design			Cable end open
Cable Length		m	3.5
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	-25
Operating ambient temperature max.	°C	70

### Technical data ETIM 6.0

Toomiour data Erim 6.5			
Low-voltage industrial components (EG000017) / Selector switch, complete (EC001	1029)		
Electric engineering, automation, process control engineering / Low-voltage switc [ACN984008])	ch technology / (	Command	and alarm device / Selector switch, complete unit (ecl@ss8.1-27-37-12-43
Number of switch positions			3
Type of control element			Key
Suitable for illumination			No
With lamp			No
Colour button			Black
Hole diameter		mm	22
Width opening		mm	0
Height meter opening		mm	0
Switching function latching			Yes
Spring-return			No
Degree of protection (IP)			IP66
Supply voltage		٧	0 - 0

Number of contacts as normally open contact	1
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	

### **Dimensions**

