#### DATASHEET - C22-WRS-MS1-K10-P1



Key-operated actuator, classic, maintained, 2 positions, MS1, 1 N/O, cable (black) with m12a plug, 4 pole, 0.2 m



Part no.	
Catalog	No.

C22-WRS-MS1-K10-P1 186199

Paddac tangen       BMD compact subtains         Basic function       Compact subtains         Single unitScompate and       Compact subtains         Function:       Image subtains         Function:       Image subtains         Commercion type       Delte (black) with MD2A plag, 4 pole         Calle (black) with MD2A plag, 4 pole       Delte (black) with MD2A plag, 4 pole         Calle (black) with MD2A plag, 4 pole       Delte (black) with MD2A plag, 4 pole         Calle (black) with MD2A plag, 4 pole       Delte (black) with MD2A plag, 4 pole         Calle (black) with MD2A plag, 4 pole       Delte (black) with MD2A plag, 4 pole         Calle (black) with MD2A plag, 4 pole       Delte (black) with MD2A plag, 4 pole         Calle (black) with MD2A plag, 4 pole       Delte (black) with MD2A plag, 4 pole         Calle (black) with MD2A plag, 4 pole       Delte (black) with MD2A plag, 4 pole         Calle (black) with MD2A plag, 4 pole       Delte (black) with MD2A plag, 4 pole         Degree of Protection       Degree of Protection       MS1         Not - Normibly coan       Degree of Protection       Degree of Protection         Not - Normibly coan       T       NUT         Contact taeogenco       Image degree of Protection       Degree of Protection         Not - Normibly coan       Image degree of Protection	Delivery program			
Single unit/Complete unit     Complete unit     maintained       Function:     imaintained       Connection type:     Cable (laided) with M12A plug, 4 pole       Connection type:     Cable (laided) with M12A plug, 4 pole       Connection type:     Cable (laided) with M12A plug, 4 pole       Connection type:     Cable (laided) with M12A plug, 4 pole       Connection type:     Cable (laided) with M12A plug, 4 pole       Rey withdrawable in position     2 positions       Rey withdrawable in position     Image: Connection type (laided) with M12A plug, 4 pole       Rey withdrawable in position     Image: Connection type (laided) with M12A plug, 4 pole       Rey withdrawable in position     Image: Connection type (laided) with M12A plug, 4 pole       Rey withdrawable in position     Image: Connection type (laided) with M12A plug, 4 pole       Rey withdrawable in position     Image: Connection type (laided) with M12A plug, 4 pole       Row shows open     Image: Connection type (laided) with M12A plug, 4 pole       ND - Normahy open     Image: Connect type (laided) with plug       Context travel = Context closed = Context open     Image: Context travel = Context closed = Context open       Context travel = Context closed = Context open     Image: Context travel = Context closed = Context open			RMQ compact solution	
Function:       Image: set of the set	Basic function		Key-operated buttons	
Function:       Image: Consection type       Consectin type       Consectin type       C	Single unit/Complete unit		Complete unit	
Image: Connection type       Image: Connection type         Cable langth       Image: Contact closed = Contact open Contact flagram         Contact flagram       Image: Contact closed = Contact open Contact flagram         Contact flagram       Image: Contact closed = Contact open Contact flagram			maintained	
Contact travel = Contact closed = Contact open Contact fingram     Image: Contact closed = Contact open Co	Function:			
Cable Length       02         Lock mechanism       Not suitable for master kay systems         Key withdravable in position       2 positions         Regree of Protection       I         Degree of Protection       IPBS format)         Front ring       IPBS format)         Contacts       IPBS format)         NO - Normally open       IPBS format)         Contact sequence       IPBS format)         No - Normally open       IPBS format)         Contact sequence       IPBS format)         IPBS format)       IPBS fo				
Lock mechanism       Not suitable for matter kay systems         Lock mechanism       MS1         Key withdrawable in position       I         Degree of Protection       I         Front ring       Beach titanium         Contects       Beach titanium         NV o. Normally open       I         Contact sequence       I         And the sequence       I         Contact sequence       I         Contact tarseling       I         Contact traveling - Contact closedii = Contact open       I         Contact diagram       I       I	Connection type		Cable (black) with M12A plug, 4 pole	
Lock mechanism       Spasifions         Key withfrawable in position       MS1         Regress of Protection       Image: Contact flosed = Contact open         No - Normally cons       Image: Contact flosed = Contact open         Contact firsuel = Contact closed = Contact open       Image: Contact flogram	Cable Length	m	0.2	
Lack mechanism       MS1         Key withdrawable in position       I         Image: Image			Not suitable for master key systems	
Key withdrawable in position       I <td< td=""><td></td><td></td><td>2 positions</td><td></td></td<>			2 positions	
Image: contract travel = contact closed = contact open         Contact travel = contact closed = contact open	Lock mechanism		MS1	
Degree of Protection       P86 (font) P86 (font)	Key withdrawable in position			
Degree of Protection PB6 (front)   From ring Bezet titanium   Contection SmartWire-DT no   Contact SmartWire-DT 1   NO = Normally open 1   Contact sequence 1   Image: Contact Closed = Contact open 4			I	
Font ring       PR6 (on rear)         Contacts       no         W0 = Normally open       NO         Contact sequence       1 NO         Contact sequence       1         Contact fravel = Contact closed = Contact open       1         Contact diagram       1			0	
Contacts       no         N/0 = Normally open       1 N/0         Contact sequence       1         Image: Contact sequence       1         Contact travel = Contact closed = Contact open       4         Contact travel = Contact closed = Contact open       1         Contact diagram       1	Degree of Protection			
Contacts       INO         Contact sequence       I         Contact sequence       I         I <t< td=""><td>Front ring</td><td></td><td>Bezel: titanium</td><td></td></t<>	Front ring		Bezel: titanium	
N/0 = Normally open       IN0         Contact sequence       IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Connection to SmartWire-DT		no	
Contact sequence   Image: Contact closed = Contact open   Contact travel = Contact closed = Contact open   Contact diagram	Contacts			
Contact travel = Contact closed = Contact open         Contact diagram	N/O = Normally open		1 N/0	
Contact diagram 0 3.15 5.5			$   \begin{bmatrix}     1 \\     1 \\     1   \end{bmatrix}   $ $     4 $	
0 3.15 5.5				
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

03/19/2018

IEC/EN 60947-5-1

			VDE 0660
Certifications			CE, UL, CSA
Lifespan, mechanical	Operations	x 10 <sup>6</sup>	> 0.1
Operating frequency	Operations/h		≦ 100
Operating torque		Nm	≦ 0.5
Plug tightening torque		N/m	1
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	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	А	4
Rated conditional short-circuit current	Iq	kA	1
Switching capacity			
Rated operational current	l <sub>e</sub>	А	
AC-15			
24 V	le	А	4
DC-13			
24 V	l <sub>e</sub>	Α	3
Cable characteristics			
Design			M12A
Cable Length		m	0.2
Material characteristic			PUR
Diameter	Ø	mm	4.7

## Design verification as per IEC/EN 61439

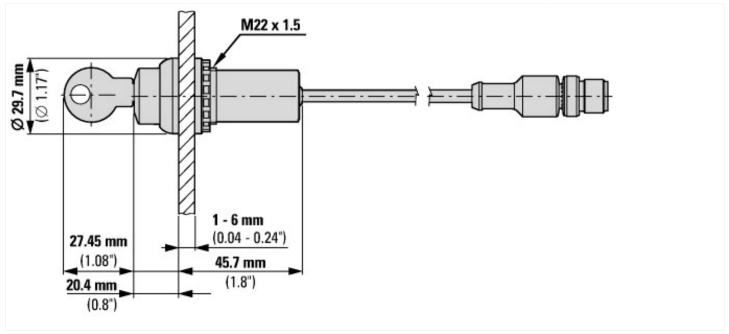
Technical data for design verification		
Operating ambient temperature min.	°C	-25
Operating ambient temperature max.	°C	70

# **Technical data ETIM 6.0**

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@ss8.1-27-37-12-43 [ACN984008])			
Number of switch positions			2
Type of control element			Кеу
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		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

## **Dimensions**



#### Assets (Links)

Declaration of Conformity 00002596

#### **Additional product information (links)**

IL047016ZU RMQ compact solution

IL047016ZU RMQ compact solution

ftp://ftp.moeller.net/DOCUMENTATION/AWA\_INSTRUCTIONS/IL047016ZU2017\_01.pdf

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 8961K155

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 F02A-1AS
 F02A-2AS
 F02A-3/4A

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 F03B125V4A
 MCR-4
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 MDA-30A
 MDA-V-1/16
 F60C500V10AS
 F60C500V15AS
 7563K84
 7634K36

 MDQ-3/16
 MDQ-7/10
 MDQ-V-1/10
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 MDQ-V-1/4
 MDQ-V-3/16
 MDQ-V-6/10