



Key-operated actuator, RMQ compact solution, maintained, 2 NC, Cable (black) with non-terminated end, 4 pole, 3.5 m, 3 positions, MS1, Bezel: titanium



Part no. C22-WRS3-MS1-K02-P65
Catalog No. 186283

Delivery program

Product range			RMQ compact solution
Basic function			Key-operated buttons
Single unit/Complete unit			Complete unit maintained
Function:			
			60° # 60°
Connection type			Cable (black) with non-terminated end, 4 pole
Cable Length		m	3.5
			Not suitable for master key systems
			3 positions
Lock mechanism			MS1
Key withdrawable in position			
			I
			0
			II
Degree of Protection			IP66 (front) IP65 (on rear)
Front ring			Bezel: titanium
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			<div style="display: flex; justify-content: space-around;"> BN WH </div> <div style="display: flex; justify-content: space-around; margin-top: 5px;"> BK BU </div>
Contact travel = Contact closed = Contact open			
Contact diagram			<p>0 2.2 5.5</p> <p>Zw = 4.5 mm</p>
Positive opening (ZW)			yes
Information about equipment supplied			With 1 key

Technical data

General

Standards			IEC/EN 60947-5-1 VDE 0660
Certifications			CE, UL, CSA
Operating frequency	Operations/h		≤ 100
Operating torque		Nm	≤ 0.5
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_{imp}	V AC	800
Rated insulation voltage	U_i	V	30
Overvoltage category/pollution degree			III/3
Control circuit reliability			
At 17 V DC/7 mA	H_F		N/C contact: statistically determined 1 failure per 0.9×10^6 Operations
Max. short-circuit protective device			
Fuse	gG/gL	A	4
Rated conditional short-circuit current	I_q	kA	1

Switching capacity

Rated operational current	I_e	A	
AC-15			
24 V	I_e	A	4
DC-13			
24 V	I_e	A	3

Cable characteristics

Design			Cable end open
Cable Length		m	3.5
Material characteristic			PUR
Diameter	∅	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

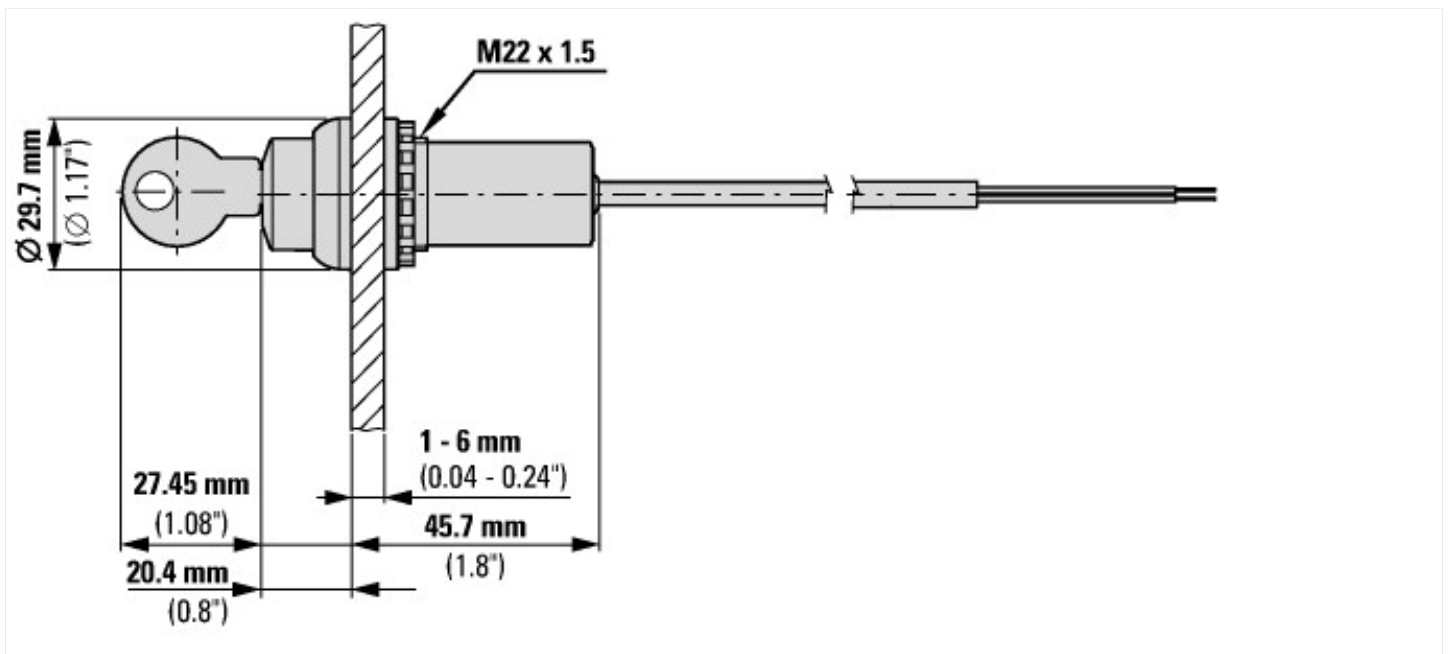
Low-voltage industrial components (EG000017) / Selector switch, complete (EC001029)			
Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Selector switch, complete unit (ecl@ss10.0.1-27-37-12-43 [ACN984011])			
Number of switch positions			3
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		0
Number of contacts as normally closed contact		2
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