



Changeover switch, classic, with thumb-grip, maintained, 2 positions, 2 N/C, cable (black) with non-terminated end, 4 pole, 1 m



Powering Business Worldwide™

Part no. C22-WRK-K02-P62  
 Catalog No. 186163

**Delivery program**

Product range			RMQ compact solution
Basic function			Selector switch actuators
Single unit/Complete unit			Complete unit
Design			With thumb-grip maintained
<b>Function:</b>			
			60°
Connection type			Cable (black) with non-terminated end, 4 pole
Cable Length		m	1
			2 positions
Degree of Protection			IP66 (front) IP65 (on rear)
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			<div style="display: flex; justify-content: space-around;"> <span>BN</span> <span>WH</span> </div> <div style="display: flex; justify-content: space-around;"> <span>BK</span> <span>BU</span> </div>
<b>Contact travel</b> = Contact closed  = Contact open			
Contact diagram			<p>0 2.2 5.5 Zw = 4.5 mm</p>

**Technical data**

<b>General</b>			
Standards			IEC/EN 60947-5-1 VDE 0660
Certifications			CE, UL, CSA
Operating frequency	Operations/h		≤ 2000
Operating torque		Nm	≤ 0.3
Tightening torque Threaded ring		Nm	2
Climatic proofing			Damp heat, constant, to IEC 60068-2-78

Degree of Protection			Damp heat, cyclic, to IEC 60068-2-30 IP66 (front) IP65 (on rear)
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 $0.9 \times 10^6$ 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	1
Material characteristic			PUR
Diameter	$\varnothing$	mm	4.7

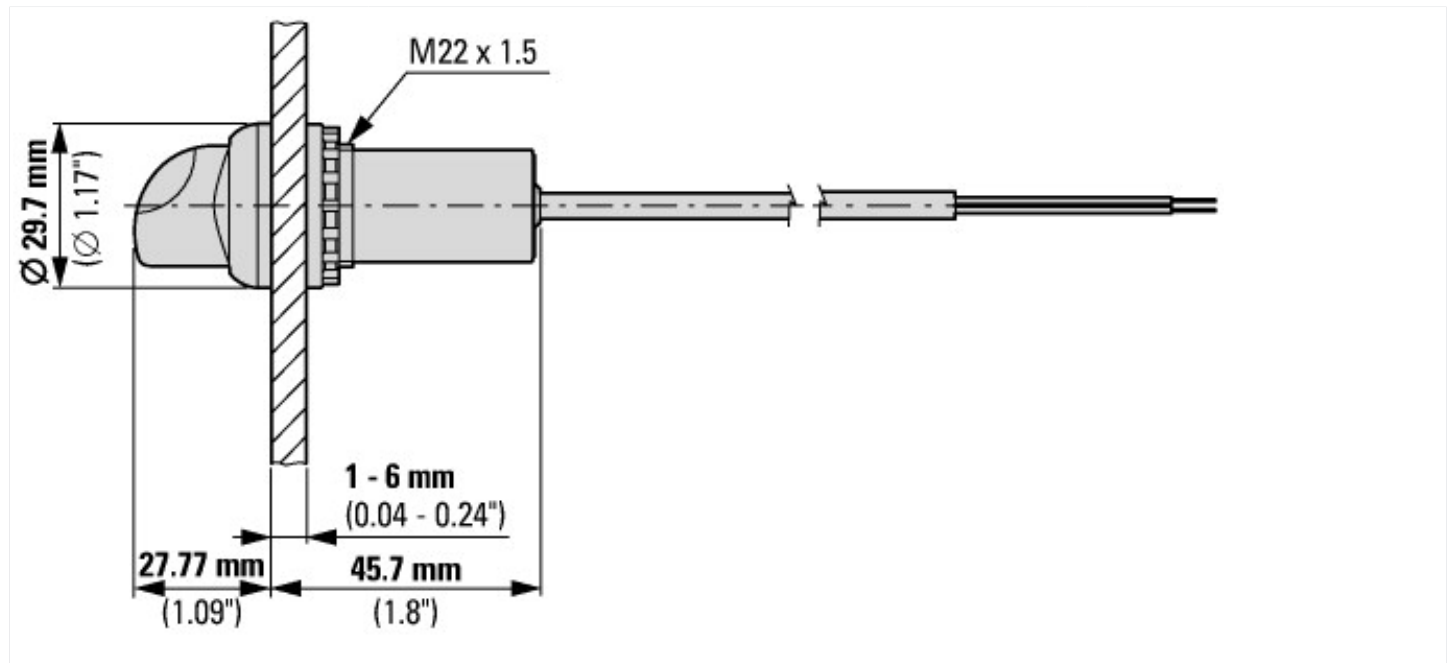
### Design verification as per IEC/EN 61439

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			Toggle
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			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

## Dimensions



## Assets (Links)

### Declaration of Conformity

00002596

## Additional product information (links)

IL047016ZU RMQ compact solution

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[ftp://ftp.moeller.net/DOCUMENTATION/AWA\\_INSTRUCTIONS/IL047016ZU2017\\_01.pdf](ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL047016ZU2017_01.pdf)

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