



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



Powering Business Worldwide™

Part no. C22-WRK-K20-P62  
 Catalog No. 186165

### Delivery program

|  |  |   |   |
|--|--|---|---|
| Product range  |  |   | RMQ compact solution                          |
| Basic function   |  |   | Selector switch actuators                     |
| Single unit/Complete unit  |  |   | Complete unit                                 |
| Design   |  |   | With thumb-grip<br>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)<br>IP65 (on rear)                |
| Front ring   |  |   | Bezel: titanium                               |
| Connection to SmartWire-DT   |  |   | no  |
| <b>Contacts</b>  |  |   |   |
| N/O = Normally open  |  |   | 2 N/O   |
| Contact sequence   |  |   |   |
| <b>Contact travel</b> <input checked="" type="checkbox"/> = Contact closed <input type="checkbox"/> = Contact open |  |   |   |
| Contact diagram  |  |   |   |

### Technical data

|   |              |      |  |
|---|--------------|------|--|
| <b>General</b>                                    |              |      |  |
| Standards   |              |      | IEC/EN 60947-5-1<br>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<br>Damp heat, cyclic, to IEC 60068-2-30 |
| Degree of Protection                              |              |      | IP66 (front)<br>IP65 (on rear)   |
| Mounting position                                 |              |      | As required  |
| Mechanical shock resistance, shock duration 11 ms |              | g    | > 30   |
| <b>Contacts</b>                                   |              |      |  |
| 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 <sub>F</sub> |    | N/O: 1 failure per 17 × 10 <sup>6</sup> switching operations, statistically determined |
| Max. short-circuit protective device    |                |    |  |
| Fuse                                    | gG/gL          | A  | 4  |
| Rated conditional short-circuit current | I <sub>q</sub> | kA | 1  |

### Switching capacity

|                           |                |    |                |
|---------------------------|----------------|----|----------------|
| Rated operational current | I <sub>e</sub> | A  |                |
| AC-15                     |                |    |                |
| 24 V                      | I <sub>e</sub> | A  | 4              |
| DC-13                     |                |    |                |
| 24 V                      | I <sub>e</sub> | A  | 3              |
| Cable characteristics     |                |    |                |
| Design                    |                |    | Cable end open |
| Cable Length              |                | m  | 1              |
| Material characteristic   |                |    | PUR            |
| Diameter                  | ∅              | mm | 4.7            |

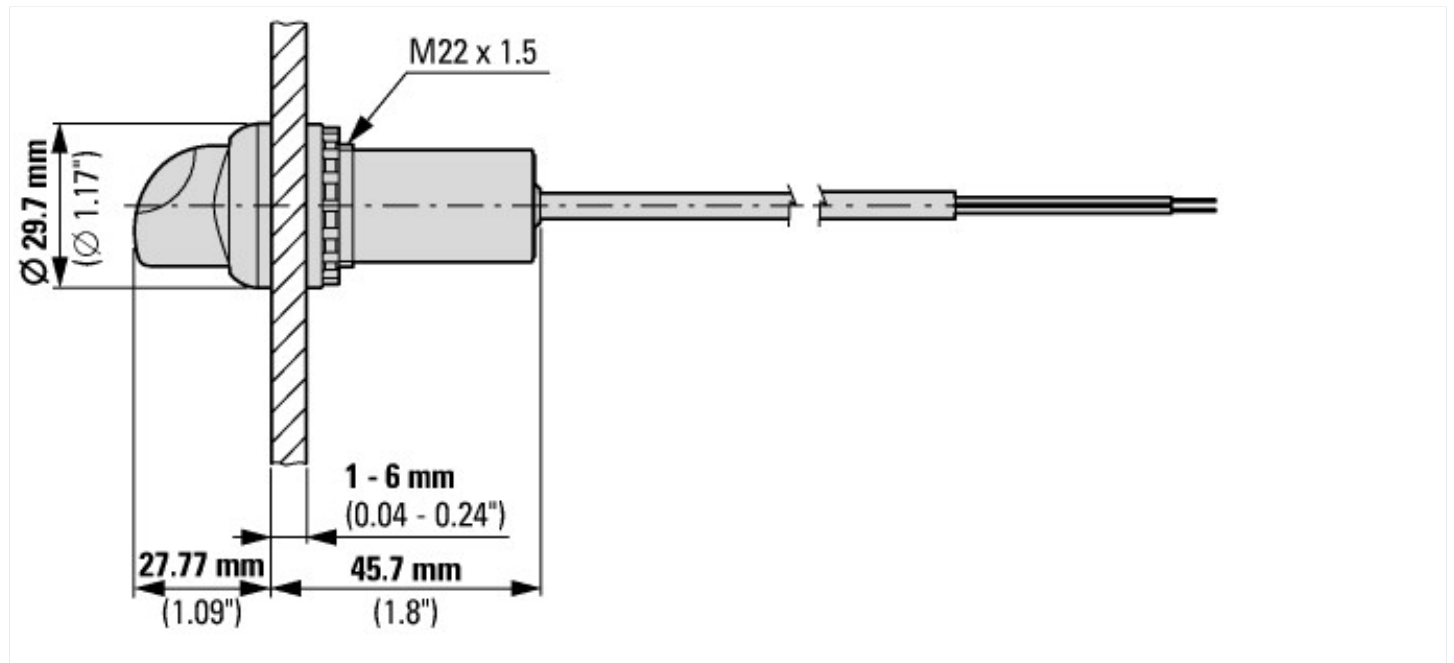
### Design verification as per IEC/EN 61439

|  |  |    |     |
|--|--|----|-----|
| 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   |  |    | 2       |
| 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](ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL047016ZU2017_01.pdf)

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [eaton](#) manufacturer:*

Other Similar products are found below :

[BK1-S506-500-R](#) [BK-MDL-3-R](#) [BK1-S506-6-3-R](#) [BK1-S506-2-R](#) [MPI4040R4-1R5-R](#) [TDC600-10A](#) [89096-015](#) [8946K153](#) [8961K155](#)  
[M22-D-R-GB0/K11](#) [M22-L-R/R](#) [M22S-ST-GB12](#) [630NHG3B](#) [63ET](#) [6422](#) [6580](#) [CTX20-16-52LP-R](#) [CWL530FI](#) [CXM/CO/GP/R/BB](#)  
[6HD36](#) [714125](#) [MBO-2](#) [ESR5-NO-41-24VAC-DC](#) [7314K36](#) [7321K2](#) [F02A-1-1/2A](#) [F02A-1-1/2AS](#) [F02A-1AS](#) [F02A-2AS](#) [F02A-3/4A](#)  
[F03A250V12A](#) [F03B125V4A](#) [MCR-4](#) [MDA-2-8/10-R](#) [MDA-30A](#) [MDA-V-1/16](#) [F60C500V10AS](#) [F60C500V15AS](#) [7563K84](#) [7634K36](#)  
[MDQ-3/16](#) [MDQ-7/10](#) [MDQ-V-1/10](#) [MDQ-V-1-1/4](#) [MDQ-V-1/16](#) [MDQ-V-1/2](#) [MDQ-V-1/4](#) [MDQ-V-3/16](#) [MDQ-V-3/8](#) [MDQ-V-6/10](#)