

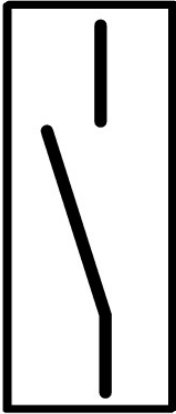


Changeover switch, With thumb-grip, maintained, 1 N/O, Cable (black) with non-terminated end, 4 pole, 1 m, 2 positions, Bezel: titanium



Part no. C22-WRK-K10-P62  
Catalog No. 186167

Delivery program

|                            |                                                                                                      |                                                                                                    |                                                                                                                             |
|----------------------------|------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Product range              |                                                                                                      |                                                                                                    | RMQ compact solution                                                                                                        |
| Basic function             |                                                                                                      |                                                                                                    | Selector switch actuators                                                                                                   |
| Mounting hole diameter     | Ø                                                                                                    | mm                                                                                                 | 22.5                                                                                                                        |
| Single unit/Complete unit  |                                                                                                      |                                                                                                    | Complete unit                                                                                                               |
| Design                     |                                                                                                      |                                                                                                    | With thumb-grip                                                                                                             |
|                            |                                                                                                      |                                                                                                    | maintained                                                                                                                  |
| Function:                  |                                                                                                      |                                                                                                    |                                                                                                                             |
|                            |                                                                                                      |                                                                                                    |  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                                                                                                                          |
| Contacts                   |                                                                                                      |                                                                                                    |                                                                                                                             |
| N/O = Normally open        |                                                                                                      |                                                                                                    | 1 N/O                                                                                                                       |
| Contact sequence           |                                                                                                      |                                                                                                    | <div>BN</div> <div></div> <div>BK</div> |
| Contact travel             |  = Contact closed |  = Contact open |                                                                                                                             |
| Contact diagram            |                                                                                                      |                                                                                                    | <div></div> <div>03.155.5</div>         |

Technical data

|                                 |              |    |                              |
|---------------------------------|--------------|----|------------------------------|
| 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)                                                 |
| 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 <sub>imp</sub> | V AC | 800                                                                                    |
| Rated insulation voltage                | U <sub>i</sub>   | 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                | Ø | 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                                                                                                                                                                       |  |    | 2      |
| Type of control element                                                                                                                                                                          |  |    | Toggle |
| 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                                                                                                                                                      |  |    | 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   |

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

