



## General characteristics

### Material

|         |                                                                     |
|---------|---------------------------------------------------------------------|
| Housing | Self-extinguishing<br>double-insulation<br>polymer<br>thermoplastic |
|---------|---------------------------------------------------------------------|

## Contact characteristics

|                                                                  |         |                        |
|------------------------------------------------------------------|---------|------------------------|
| Type of contact                                                  |         | 1NO+1NC Snap<br>action |
| Thermal current I <sub>th</sub>                                  | A       | 10                     |
| Short-circuit protection with fuse                               | Class/A | 10 gG/SC<br>QUICK FUSE |
| IEC Conventional free air thermal current I <sub>th</sub> ≤ 40°C | A       | 10                     |
| Resistance per pole (average value)                              | mΩ      | <10                    |
| Conductivity                                                     |         | 10mA 5V                |

## Mechanical features

|                         |            |                                                    |
|-------------------------|------------|----------------------------------------------------|
| Operating head fixing   |            | Locking bayonet<br>insert                          |
| Tightening torque (Max) |            |                                                    |
| Switch fixing           | Nm<br>lbin | 2.5<br>22.1                                        |
| Contact terminals       | Nm<br>lbin | 0.8<br>7                                           |
| Body lid screw fixing   | Nm<br>lbin | 0.8<br>7                                           |
| Conductor section       |            |                                                    |
| AWG/Kcmil               | min<br>max | 16<br>14                                           |
| IEC                     | min<br>max | mm <sup>2</sup><br>mm <sup>2</sup><br>1or 2<br>2.5 |
| Cable connection        |            | Self-releasing<br>screw terminal                   |
| Weight                  | g          | 21                                                 |
| Operations              |            |                                                    |
| Mechanical life         | cycles     | >10000000                                          |
| Ambient conditions      |            |                                                    |
| Temperature             |            |                                                    |
| Operating temperature   | min<br>max | °C<br>°C<br>-25<br>+70                             |
| Storage temperature     |            |                                                    |

|     |    |     |
|-----|----|-----|
| min | °C | -40 |
| max | °C | +70 |

#### Resistance & Protection

IP degree

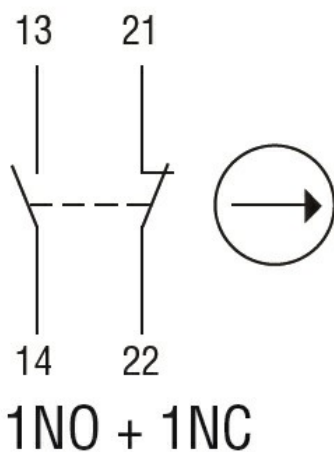
|              |      |
|--------------|------|
| Terminals    | IP20 |
| Body housing | IP65 |

Pollution degree

3

#### Wiring diagrams

### Snap action



#### Certifications and compliance

Compliance

|                  |
|------------------|
| CSA C22.2 n° 14  |
| EN 50047         |
| IEC/EN 60204-1   |
| IEC/EN 60947-1   |
| IEC/EN 60947-5-1 |
| UL508            |

Certificates

|       |
|-------|
| cURus |
| EAC   |

#### ETIM classification

ETIM 8.0

EC000196 -  
Contactor relay