



## General characteristics

### Material

Housing

Rod

Polymer  
thermoplastic  
Semirigid

## Contact characteristics

|                                                      |            |                        |
|------------------------------------------------------|------------|------------------------|
| Type of contact                                      |            | 2NC Snap action        |
| Thermal current Ith                                  | A          | 10                     |
| IEC/EN 60947-5-1 designation                         |            | A600 Q600              |
| Rated insulation voltage Ui                          | V          | 690                    |
| Rated impulse withstand voltage Uimp                 | kV         | 6                      |
| Insulation class                                     |            | II                     |
| Short-circuit protection with fuse                   | Class/A    | 10 gG/SC<br>QUICK FUSE |
| Switching speed                                      | min<br>max | m/s<br>0.5<br>1.5      |
| IEC Conventional free air thermal current Ith ≤ 40°C | A          | 10                     |
| Resistance per pole (average value)                  | mΩ         | <10                    |

## Mechanical features

|                         |             |                                                  |
|-------------------------|-------------|--------------------------------------------------|
| Operating head fixing   |             | Locking bayonet<br>insert                        |
| Operating torque        | Ncm<br>ozin | 1<br>1.42                                        |
| 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>1.5<br>mm <sup>2</sup><br>2.5 |
| Cable connection        |             | Self-releasing<br>screw terminal                 |
| Cable entry             |             | M20 on the<br>bottom                             |

## Operations

|                      |          |           |
|----------------------|----------|-----------|
| Mechanical life      | cycles   | <10000000 |
| Mechanical operation | cycles/h | 3600      |

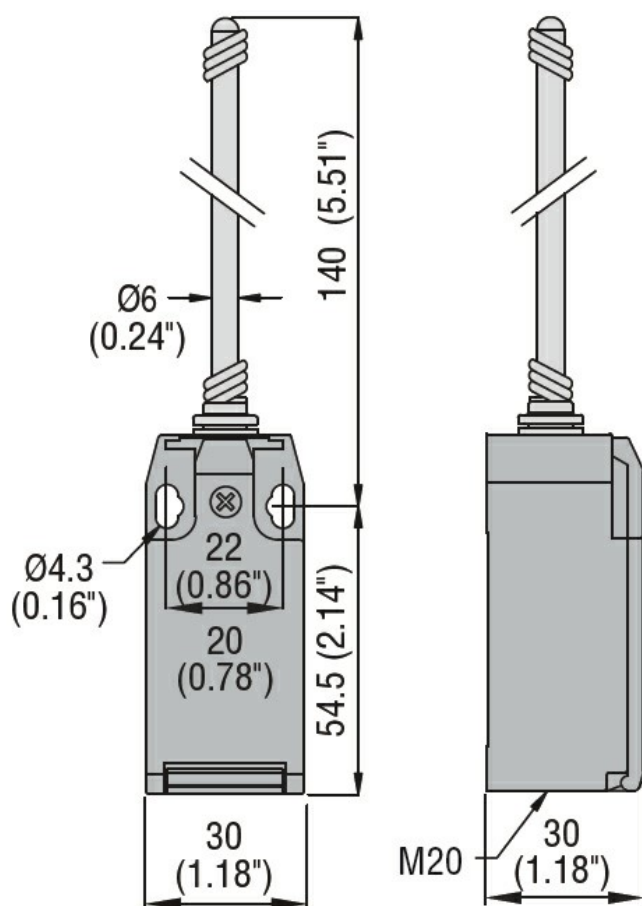
## Ambient conditions

|             |                       |     |    |     |
|-------------|-----------------------|-----|----|-----|
| Temperature | Operating temperature | min | °C | -25 |
|             |                       | max | °C | +70 |
|             | Storage temperature   | min | °C | -40 |
|             |                       | max | °C | +70 |

## Resistance & Protection

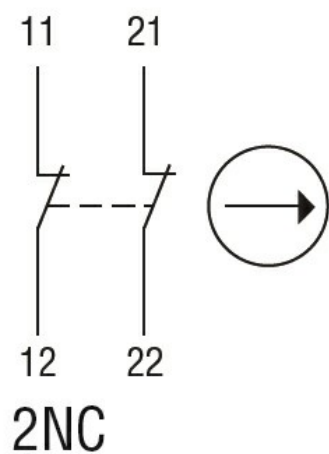
|                  |              |      |
|------------------|--------------|------|
| IP degree        | Terminals    | IP20 |
|                  | Body housing | IP65 |
| Pollution degree |              | 3    |

## Dimensions



## 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

CCC  
cULus  
EAC

### ETIM classification

ETIM 8.0

EC000030 - End  
switch