



## General characteristics

### Material

|         |                       |
|---------|-----------------------|
| Housing | Polymer thermoplastic |
| Rod     | Semirigid             |

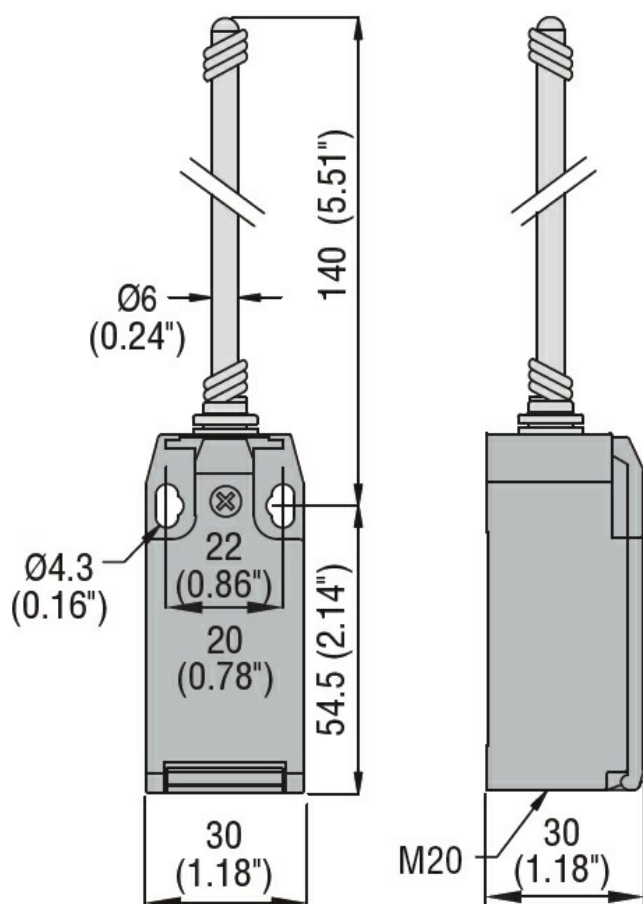
## Contact characteristics

|                                                      |            |                     |
|------------------------------------------------------|------------|---------------------|
| Type of contact                                      |            | 1NO+2NC Slow 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 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

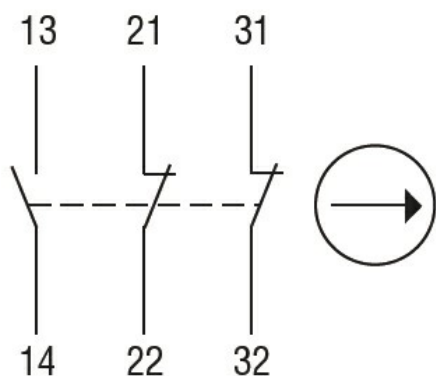
|                         |             |                                                  |
|-------------------------|-------------|--------------------------------------------------|
| Operating head fixing   |             | Locking bayonet insert                           |
| Operating torque        | 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 screw terminal                    |

|                         |  |     |                   |           |
|-------------------------|--|-----|-------------------|-----------|
| Cable entry             |  |     | M20 on the 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

## Slow action



**1NO + 2NC**

### 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