



## General characteristics

### Material

Housing

Rod

Polymer  
thermoplastic  
Steel

## Contact characteristics

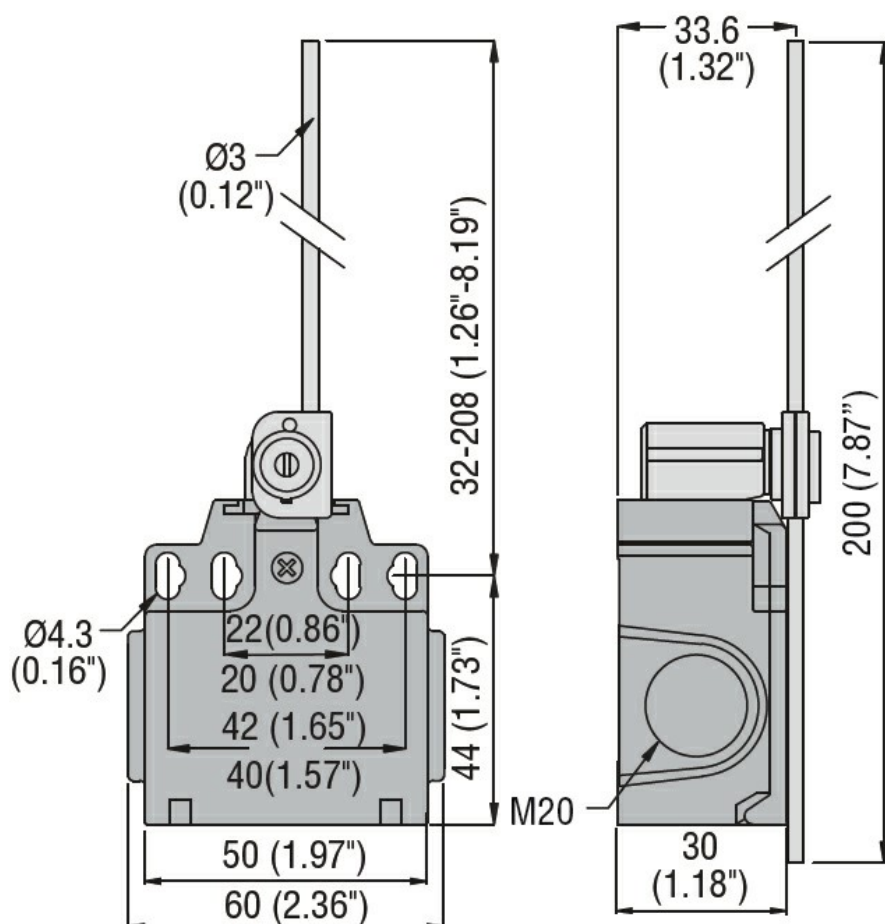
|                                                      |            |                        |
|------------------------------------------------------|------------|------------------------|
| Type of contact                                      |            | 2NO Slow action        |
| Thermal current 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<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 | 3<br>4.25                                        |
| 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 sides                                 |

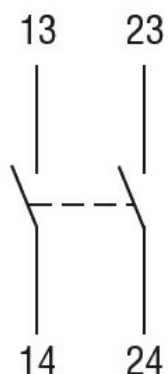
## Operations

|                                    |              |           |
|------------------------------------|--------------|-----------|
| Mechanical life                    | cycles       | <10000000 |
| Mechanical operation               | cycles/h     | 3600      |
| <b>Ambient conditions</b>          |              |           |
| Temperature                        |              |           |
| Operating temperature              | min          | °C -25    |
|                                    | max          | °C +70    |
| Storage temperature                | min          | °C -40    |
|                                    | max          | °C +70    |
| <b>Resistance &amp; Protection</b> |              |           |
| IP degree                          | Terminals    | IP20      |
|                                    | Body housing | IP65      |
| Pollution degree                   |              | 3         |
| <b>Dimensions</b>                  |              |           |



## Wiring diagrams

## Slow action



**2NO**

### 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