



**General characteristics**

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|                  |                       |
|------------------|-----------------------|
| Housing Material | Polymer thermoplastic |
| Key shape        | Angled                |

**Contact characteristics**

|  |                     |                     |  |
|--|---------------------|---------------------|--|
| Type of contact                                  | 1NO+1NC Slow action |                     |  |
| Thermal current I <sub>th</sub>                  | A                   | 10                  |  |
| IEC/EN 60947-5-1 designation                     | A600 Q600           |                     |  |
| Rated insulation voltage U <sub>i</sub>          | V                   | 690                 |  |
| Rated impulse withstand voltage U <sub>imp</sub> | kV                  | 6                   |  |
| Insulation class                                 | II                  |                     |  |
| Short-circuit protection with fuse               | Class/A             | 10 gG/SC QUICK FUSE |  |

|                 |     |     |     |
|-----------------|-----|-----|-----|
| Switching speed | min | m/s | 0.5 |
|                 | max | m/s | 1.5 |

|  |    |     |
|--|----|-----|
| IEC Conventional free air thermal current I <sub>th</sub> ≤ 40°C | A  | 10  |
| Resistance per pole (average value)                              | mΩ | <10 |

**Operations**

|                      |          |        |
|----------------------|----------|--------|
| Mechanical life      | cycles   | 100000 |
| B10d                 | cycles   | 100000 |
| Mechanical operation | cycles/h | 3600   |

**Output characteristics**

|                 |        |        |
|-----------------|--------|--------|
| Mechanical life | cycles | 100000 |
|-----------------|--------|--------|

**Mechanical features**

|                       |                        |
|-----------------------|------------------------|
| Operating head fixing | Locking bayonet insert |
|-----------------------|------------------------|

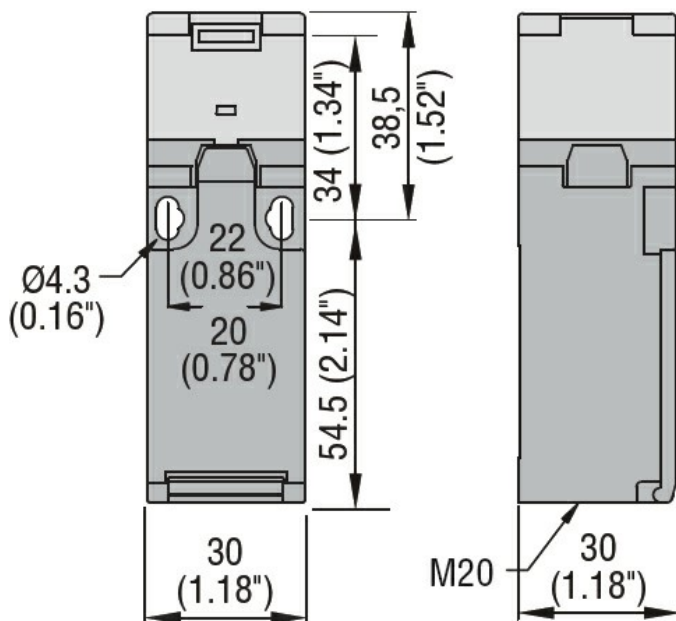
|                  |    |     |
|------------------|----|-----|
| Operating torque | N  | 8   |
|                  | lb | 1.8 |

|                         |                       |      |      |
|-------------------------|-----------------------|------|------|
| Tightening torque (Max) | Switch fixing         | Nm   | 2.5  |
|                         |                       | lbin | 22.1 |
|                         | Contact terminals     | Nm   | 0.8  |
|                         |                       | lbin | 7    |
|                         | Body lid screw fixing | Nm   | 0.8  |
|                         |                       | lbin | 7    |

|                   |           |     |    |
|-------------------|-----------|-----|----|
| Conductor section | AWG/Kcmil | min | 16 |
|-------------------|-----------|-----|----|

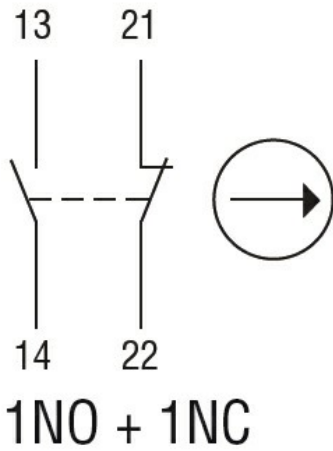
|                           |                       |     |                               |
|---------------------------|-----------------------|-----|-------------------------------|
|                           |                       | max | 14                            |
| IEC                       |                       | min | mm <sup>2</sup> 1.5           |
|                           |                       | max | mm <sup>2</sup> 2.5           |
| Cable connection          |                       |     | Self-releasing screw terminal |
| Cable entry               |                       |     | M20 on the bottom             |
| Weight                    |                       | g   | 92                            |
| <b>Ambient conditions</b> |                       |     |                               |
| Pollution degree          |                       |     | 3                             |
| Temperature               |                       |     |                               |
|                           | Operating temperature | min | °C -25                        |
|                           |                       | max | °C +70                        |
|                           | Storage temperature   | min | °C -40                        |
|                           |                       | max | °C +70                        |

**Dimensions**



**Wiring diagrams**

## Slow 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