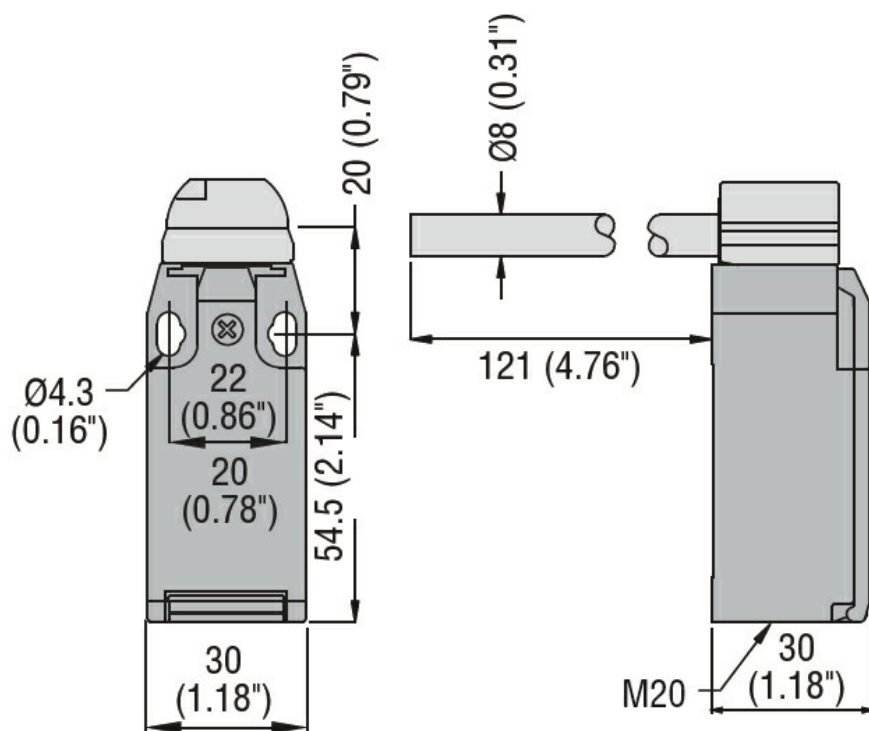




| General characteristics                              |  |          |                        |
|------------------------------------------------------|--|----------|------------------------|
| General characteristics                              |  |          |                        |
| Housing Material                                     |  |          | Aluminium-zinc alloy   |
| Rod material                                         |  |          | Long solid             |
| Contact characteristics                              |  |          |                        |
| Type of contact                                      |  |          | 3NC Slow action        |
| Thermal current Ith                                  |  | A        | 10                     |
| IEC/EN 60947-5-1 designation                         |  |          | A300 Q300              |
| Rated insulation voltage Ui                          |  | V        | 440                    |
| Rated impulse withstand voltage Uimp                 |  | kV       | 4                      |
| 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 Ith ≤ 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                                     |  |          |                        |
|                                                      |  | Ncm      | 15                     |
|                                                      |  | ozin     | 21.2                   |
| 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             |
| <b>Ambient conditions</b> |  |     |                 |                               |
| Pollution degree          |  |     |                 | 3                             |
| <b>Temperature</b>        |  |     |                 |                               |
| Operating temperature     |  |     |                 |                               |
|                           |  | min | °C              | -25                           |
|                           |  | max | °C              | +70                           |
| Storage temperature       |  |     |                 |                               |
|                           |  | min | °C              | -40                           |
|                           |  | max | °C              | +70                           |

## Dimensions



## Wiring diagrams

## Slow action



**3NC**

### 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