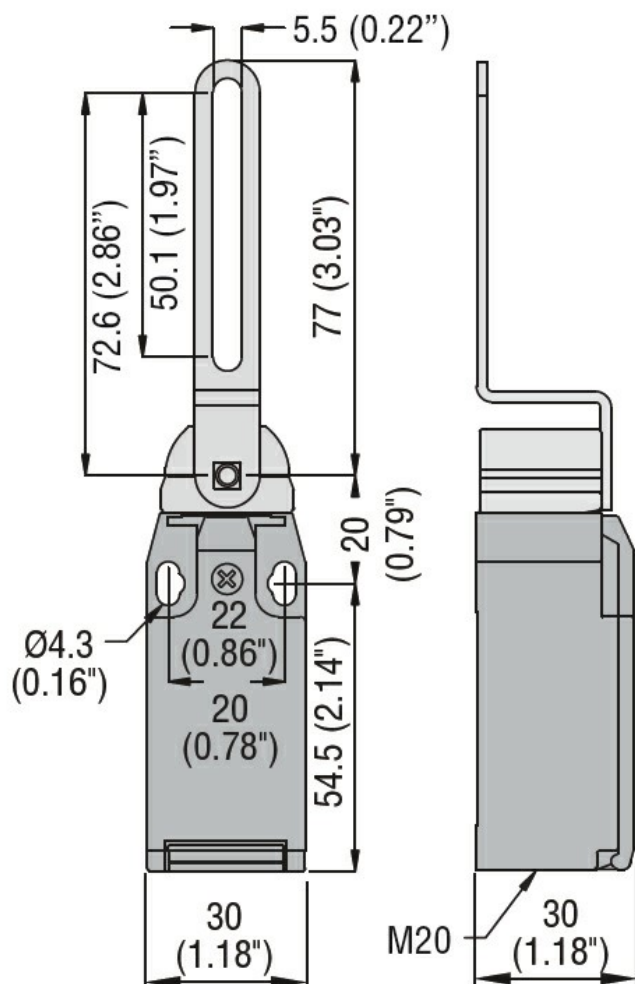




|                                               |                   |          |                        |     |
|-----------------------------------------------|-------------------|----------|------------------------|-----|
| Product designation                           |                   |          | Slotted lever          |     |
| Product type designation                      |                   |          | KBQ                    |     |
| General characteristics                       |                   |          |                        |     |
| General characteristics                       |                   |          |                        |     |
| Housing Material                              |                   |          | Polymer thermoplastic  |     |
| Contact characteristics                       |                   |          |                        |     |
| Type of contact                               |                   |          | 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      | m/s 0.5                |     |
|                                               |                   | max      | m/s 1.5                |     |
| IEC Conventional free air thermal current Ith |                   | 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                     |     |

|                    |                               |                 |       |
|--------------------|-------------------------------|-----------------|-------|
| IEC                | max                           |                 | 14    |
|                    | min                           | mm <sup>2</sup> | 1or 2 |
| Cable connection   | max                           | mm <sup>2</sup> | 2.5   |
|                    | Self-releasing screw terminal |                 |       |
| Cable entry        | M20 on the bottom             |                 |       |
| Ambient conditions |                               |                 |       |
| 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



**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