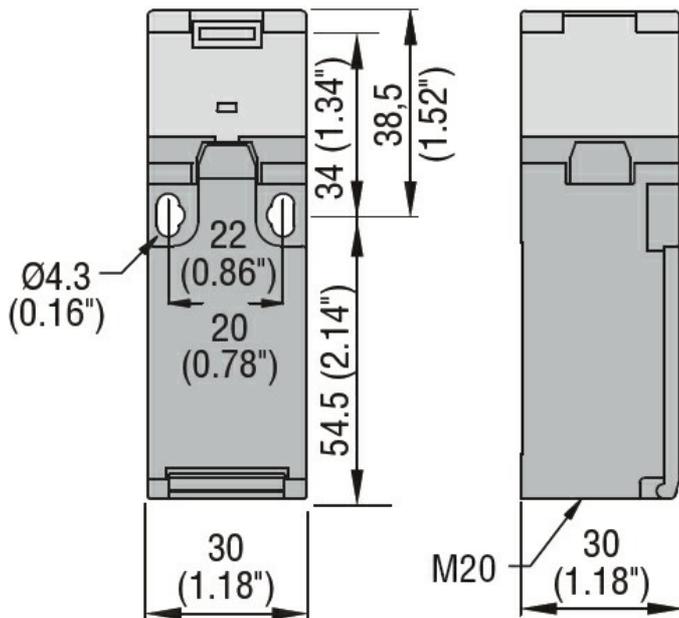




|   |                        |                     |     |
|---|------------------------|---------------------|-----|
| Product designation                                       | Key operated           |                     |     |
| Product type designation                                  | KBN                    |                     |     |
| <b>General characteristics</b>                            |                        |                     |     |
| <b>General characteristics</b>                            |                        |                     |     |
| Housing Material  | Polymer thermoplastic  |                     |     |
| Key shape   | Angled                 |                     |     |
| <b>Contact characteristics</b>                            |                        |                     |     |
| Type of contact   | 2NC 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> | A                      | 10                  |     |
| Resistance per pole (average value)                       | mΩ                     | <10                 |     |
| <b>Operations</b>   |                        |                     |     |
| Mechanical life   | cycles                 | 100000              |     |
| B10d  | cycles                 | 100000              |     |
| Mechanical operation                                      | cycles/h               | 3600                |     |
| <b>Output characteristics</b>                             |                        |                     |     |
| Mechanical life   | cycles                 | 100000              |     |
| <b>Mechanical features</b>                                |                        |                     |     |
| Operating head fixing                                     | Locking bayonet insert |                     |     |
| Operating torque  | N                      | 8                   |     |
|   | l <sub>b</sub>         | 1.8                 |     |
| Tightening torque (Max)                                   |                        |                     |     |
| Switch fixing   | Nm                     | 2.5                 |     |
|   | l <sub>bin</sub>       | 22.1                |     |
| Contact terminals   | Nm                     | 0.8                 |     |
|   | l <sub>bin</sub>       | 7                   |     |
| Body lid screw fixing                                     | Nm                     | 0.8                 |     |
|   | l <sub>bin</sub>       | 7                   |     |
| Conductor section   | AWG/Kcmil              |                     |     |

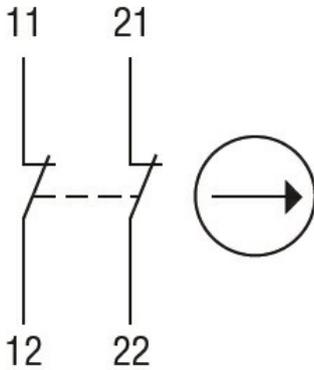
|                           |                               |                 |        |
|---------------------------|-------------------------------|-----------------|--------|
|                           | min                           | 16              |        |
|                           | max                           | 14              |        |
| IEC                       |                               |                 |        |
|                           | min                           | mm <sup>2</sup> | 1 or 2 |
|                           | 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



**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