



Top push rod  
plunger  
KCA

Product designation

Product type designation

### General characteristics

Material

Housing

Rod

Polymer  
thermoplastic  
Aluminium-zinc  
alloy

### Contact characteristics

|                                                           |            |                          |
|-----------------------------------------------------------|------------|--------------------------|
| 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<br>QUICK FUSE   |
| Switching speed                                           | min<br>max | m/s<br>0.5<br>m/s<br>1.5 |
| IEC Conventional free air thermal current I <sub>th</sub> | A          | 10                       |
| Resistance per pole (average value)                       | mΩ         | <10                      |

### Mechanical features

|                         |            |                                                    |
|-------------------------|------------|----------------------------------------------------|
| Operating head fixing   |            | Locking bayonet<br>insert                          |
| Operating torque        | N<br>lb    | 5<br>1.1                                           |
| 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>1or 2<br>mm <sup>2</sup><br>2.5 |

|                  |                               |
|------------------|-------------------------------|
| Cable connection | Self-releasing screw terminal |
| Cable entry      | M20 on the sides              |

### Operations

|                      |          |           |
|----------------------|----------|-----------|
| Mechanical life      | cycles   | <10000000 |
| Mechanical operation | cycles/h | 3600      |

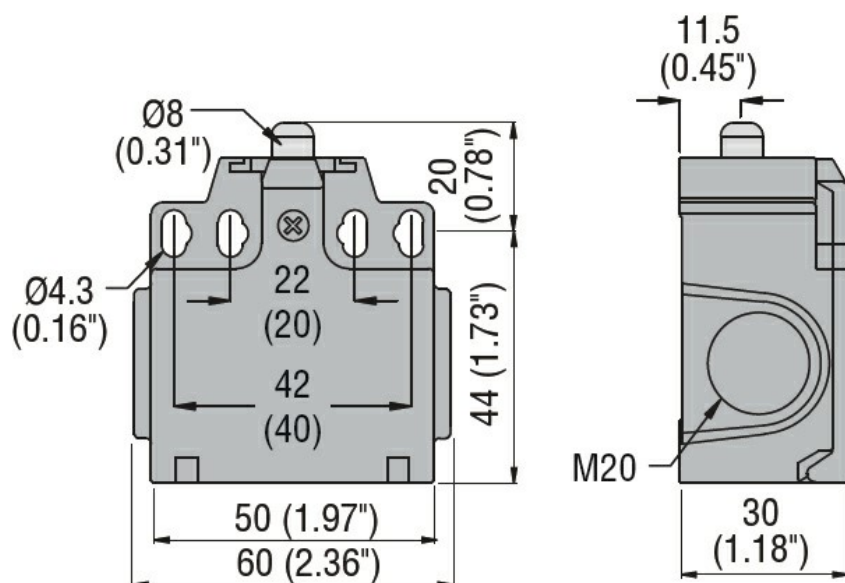
### Ambient conditions

|             |                       |     |    |     |
|-------------|-----------------------|-----|----|-----|
| Temperature | Operating temperature | min | °C | -25 |
|             |                       | max | °C | +70 |
|             | Storage temperature   | min | °C | -40 |
|             |                       | max | °C | +70 |

### Resistance & Protection

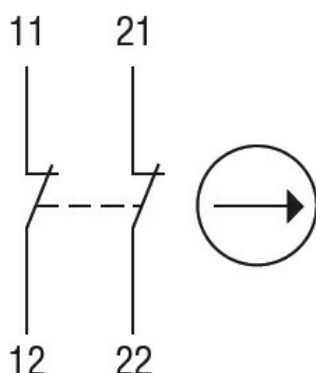
|                  |              |      |
|------------------|--------------|------|
| IP degree        | Terminals    | IP20 |
|                  | Body housing | IP65 |
| Pollution degree |              | 3    |

### 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