



Product designation

Adjustable roller  
lever

Product type designation

KCF

### General characteristics

Material

Housing  
Roller

Polymer  
thermoplastic  
Rubber

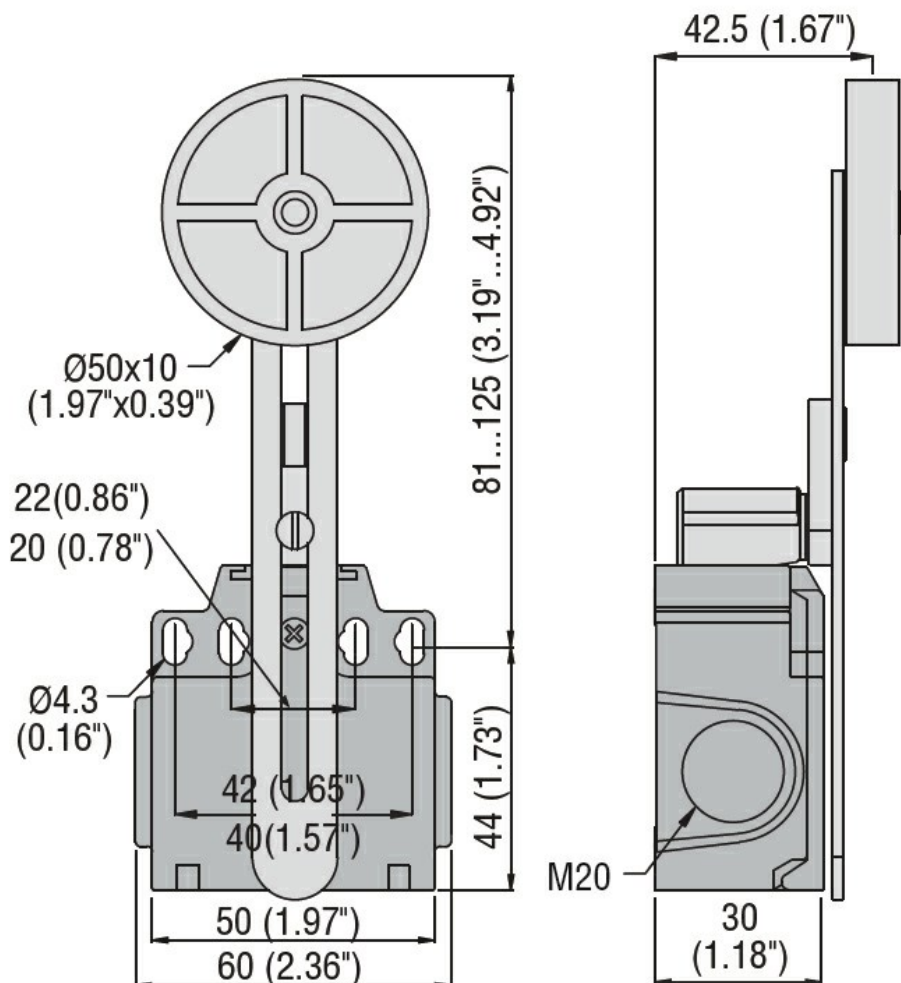
### Contact characteristics

|                                                           |            |                          |
|-----------------------------------------------------------|------------|--------------------------|
| Type of contact                                           |            | 2NO Slow action          |
| Thermal current I <sub>th</sub>                           | A          | 10                       |
| IEC/EN 60947-5-1 designation                              |            | A600 Q300                |
| 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)                       | m?         | <10                      |

### Mechanical features

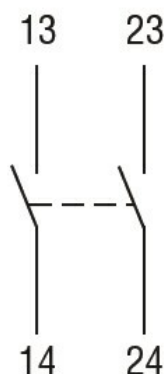
|                         |             |                                                    |
|-------------------------|-------------|----------------------------------------------------|
| Operating head fixing   |             | Locking bayonet<br>insert                          |
| Operating torque        | Ncm<br>ozin | 3<br>4.25                                          |
| 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



**2NO**

### 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