



Product designation

Adjustable roller  
lever

Product type designation

KMF

### General characteristics

Material

Housing

Aluminium-zinc  
alloy

Roller

Rubber

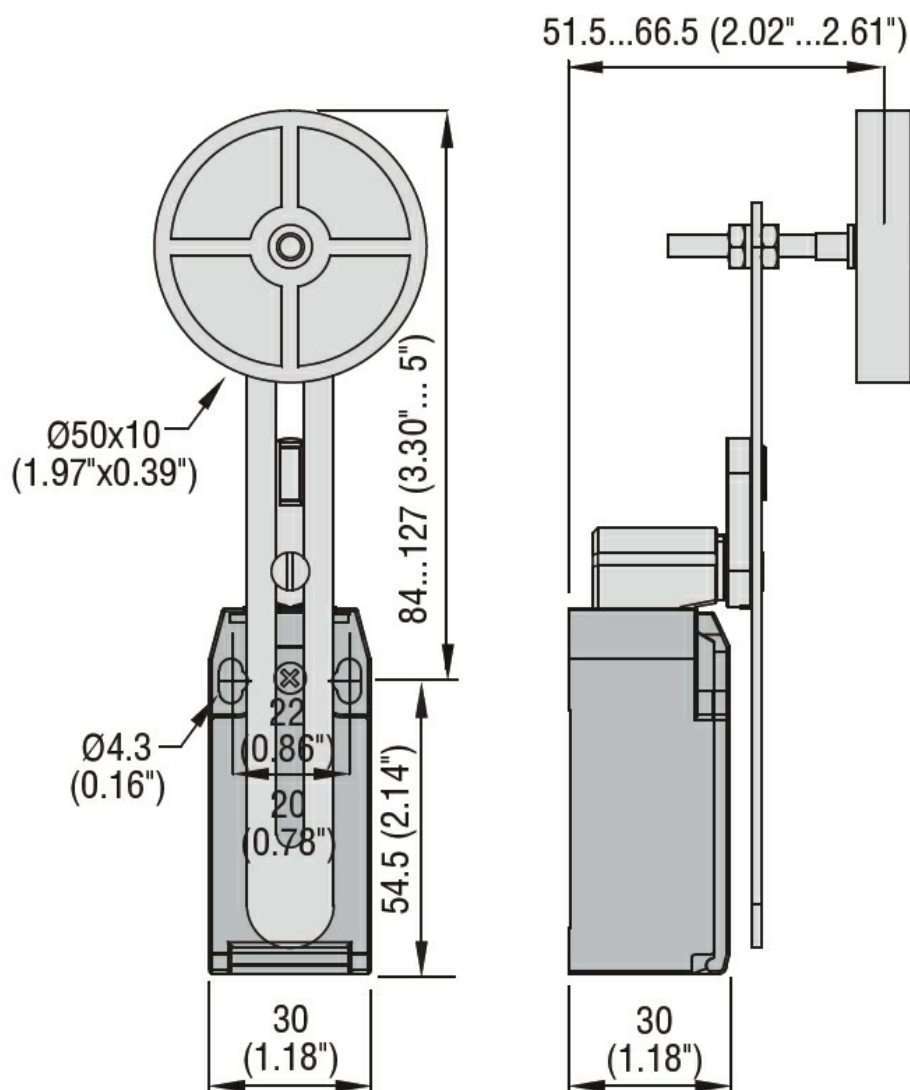
### Contact characteristics

|                                               |            |                          |
|-----------------------------------------------|------------|--------------------------|
| 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<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 Ith | A          | 10                       |
| Resistance per pole (average value)           | mΩ         | <10                      |

### Mechanical features

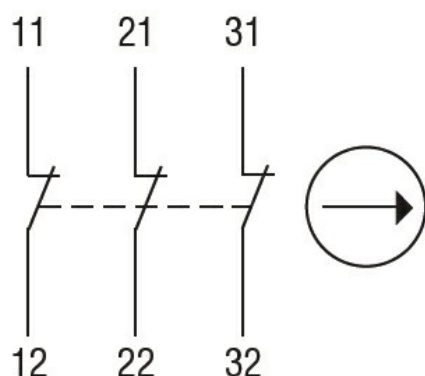
|                         |             |                                                    |
|-------------------------|-------------|----------------------------------------------------|
| Operating head fixing   |             | Locking bayonet<br>insert                          |
| Operating torque        | 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>mm <sup>2</sup><br>1or 2<br>2.5 |
| Cable connection        |             | Self-releasing<br>screw terminal                   |

|                         |  |     |                   |           |
|-------------------------|--|-----|-------------------|-----------|
| Cable entry             |  |     | M20 on the bottom |           |
| 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



## 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