



Product designation

Roller lever  
plunger  
KNE

Product type designation

### General characteristics

Material

Housing

Aluminium-zinc  
alloy  
Metal

Roller

### Contact characteristics

|                                               |            |                          |
|-----------------------------------------------|------------|--------------------------|
| Type of contact                               |            | 2NC 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 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

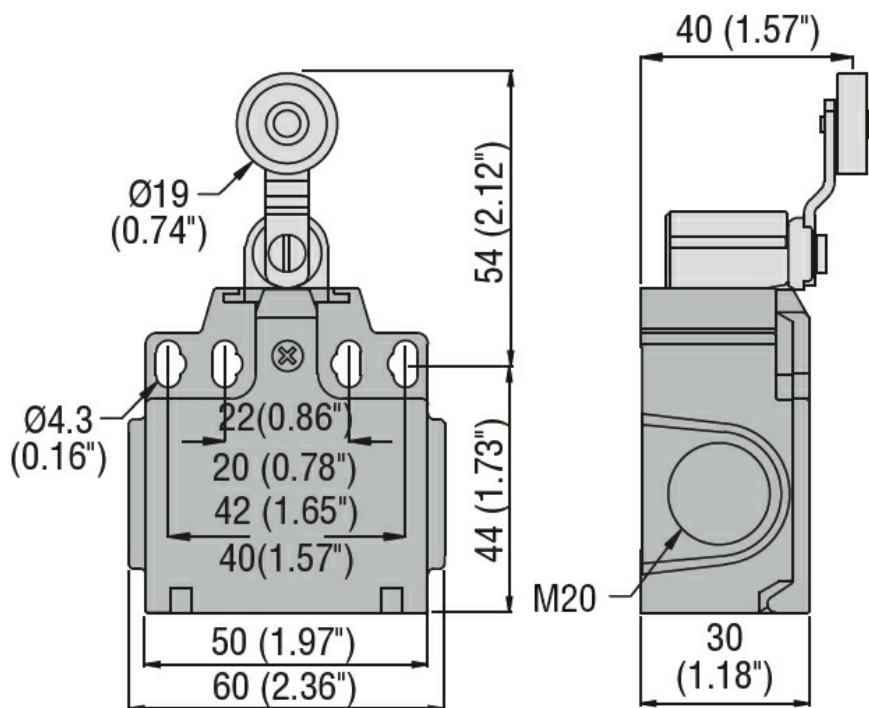
IP degree

|              |      |
|--------------|------|
| Terminals    | IP20 |
| Body housing | IP65 |

Pollution degree

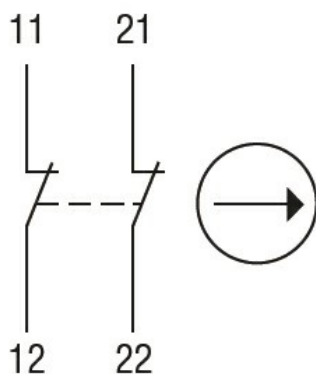
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### Dimensions



### 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