



### General characteristics

#### Material

|         |                      |
|---------|----------------------|
| Housing | Aluminium-zinc alloy |
| Roller  | Metal                |

### Contact characteristics

|                                                      |            |                          |
|------------------------------------------------------|------------|--------------------------|
| Type of contact                                      |            | 2NC Snap 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 QUICK FUSE      |
| Switching speed                                      | min<br>max | m/s<br>m/s<br>0.5<br>1.5 |
| IEC Conventional free air thermal current Ith ≤ 40°C | A          | 10                       |
| Resistance per pole (average value)                  | mΩ         | <10                      |

### Mechanical features

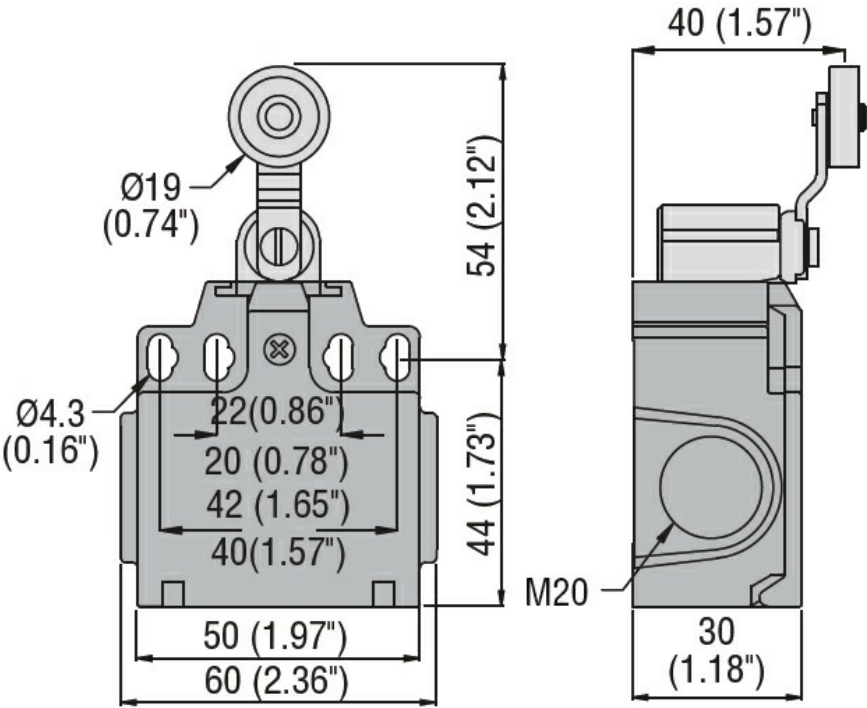
|                         |             |                                                  |
|-------------------------|-------------|--------------------------------------------------|
| Operating head fixing   |             | Locking bayonet insert                           |
| Operating torque        | 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>1.5<br>2.5 |
| Cable connection        |             | Self-releasing screw terminal                    |
| Cable entry             |             | M20 on the sides                                 |

### Operations

|                 |        |           |
|-----------------|--------|-----------|
| Mechanical life | cycles | <10000000 |
|-----------------|--------|-----------|

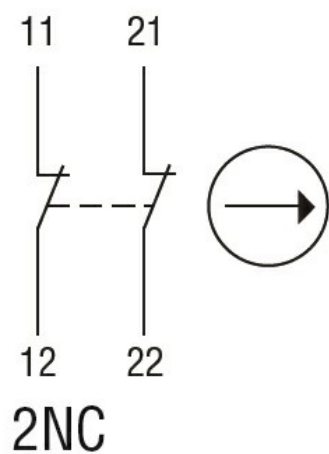
LIMIT SWITCH, K SERIES, ROLLER LEVER PLUNGER, 2 SIDE CABLE ENTRY. DIMENSIONS  
COMPATIBLE TO EN 50047, METAL BODY, CONTACTS 2NC SNAP ACTION. METAL ROLLER

|                         |  |               |    |      |
|-------------------------|--|---------------|----|------|
| 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

## Snap action



### 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