



Product designation

Roller centre  
push lever  
KBC

Product type designation

### General characteristics

Material

Housing  
Roller

Polymer  
thermoplastic  
Plastic

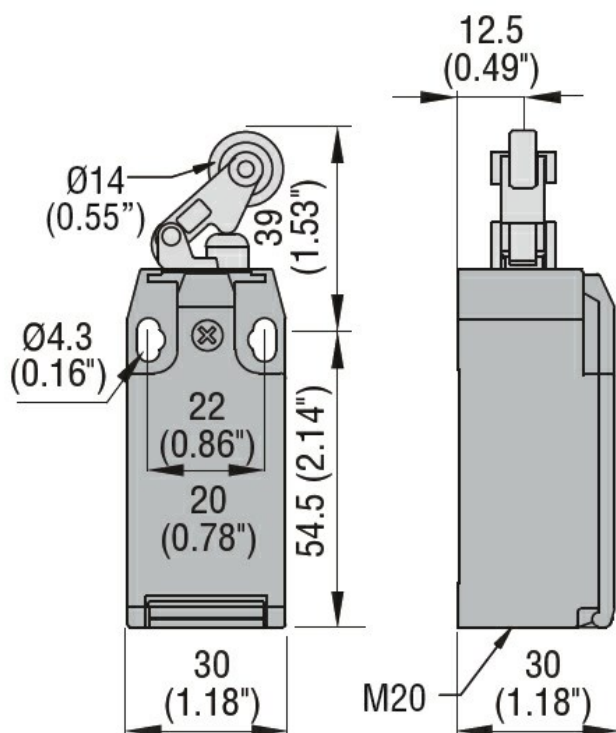
### Contact characteristics

|                                                           |            |                          |
|-----------------------------------------------------------|------------|--------------------------|
| Type of contact                                           |            | 1NO+1NC 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 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

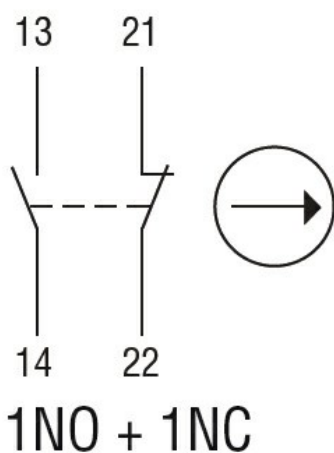
|                         |            |                                                    |
|-------------------------|------------|----------------------------------------------------|
| Operating head fixing   |            | Locking bayonet insert                             |
| Operating torque        | N<br>lb    | 6<br>1.34                                          |
| 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 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



### 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