



Product designation

Roller centre  
push lever

Product type designation

KBC

### General characteristics

Material

Housing  
Roller

Polymer  
thermoplastic  
Plastic

### Contact characteristics

|                                               |            |                                             |
|-----------------------------------------------|------------|---------------------------------------------|
| Type of contact                               |            | 1NO+1NC Slow<br>action make<br>before break |
| Thermal current Ith                           | A          | 10                                          |
| IEC/EN 60947-5-1 designation                  |            | A600 Q300                                   |
| Rated insulation voltage Ui                   | V          | 690                                         |
| Rated impulse withstand voltage Uimp          | 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 Ith | A          | 10                                          |
| Resistance per pole (average value)           | m?         | <10                                         |

### Mechanical features

|                         |                        |                           |
|-------------------------|------------------------|---------------------------|
| Operating head fixing   |                        | Locking bayonet<br>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>mm <sup>2</sup> | 1or 2                     |

LIMIT SWITCH, K SERIES, ROLLER CENTRE PUSH LEVER, 1 BOTTOM CABLE ENTRY.  
DIMENSIONS TO EN 50047, PLASTIC BODY, CONTACTS 1NO+1NC SLOW ACTION MAKE  
BEFORE BREAK. PLASTIC ROLLER

|                  |     |                 |                               |
|------------------|-----|-----------------|-------------------------------|
|                  | max | mm <sup>2</sup> | 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

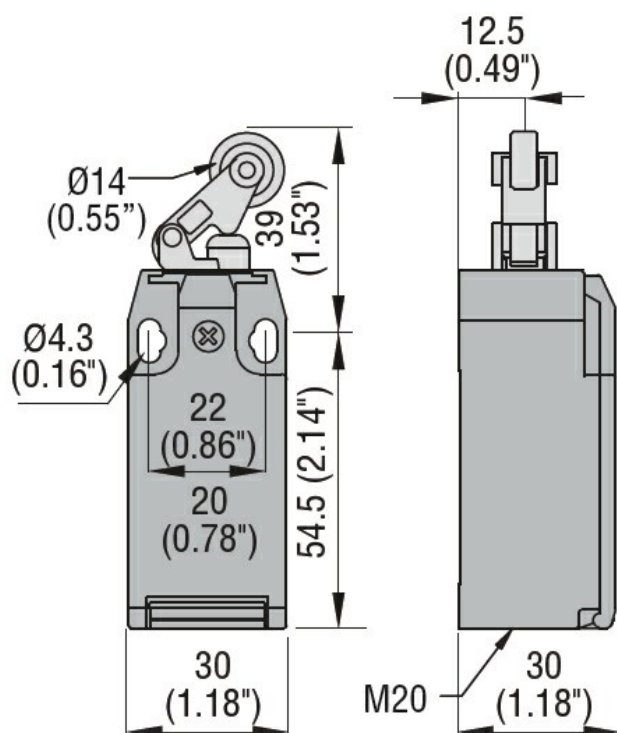
IP degree

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

Pollution degree

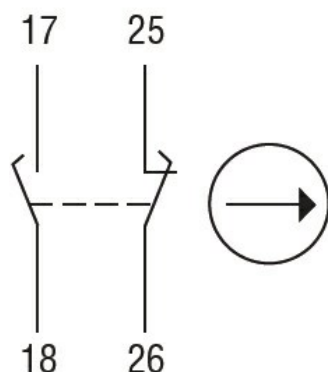
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#### Dimensions



#### Wiring diagrams

## Slow action



**1NO + 1NC**  
**make before break**

### 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