



Product designation

Roller lever  
plunger

Product type designation

KCE

**General characteristics**

Material

Housing

Polymer  
thermoplastic  
Plastic

Roller

**Contact characteristics**

Type of contact

1NO+1NC Slow  
action make  
before break

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

m/s

0.5

max

m/s

1.5

IEC Conventional free air thermal current I<sub>th</sub>

A

10

Resistance per pole (average value)

mΩ

<10

**Mechanical features**

Operating head fixing

Locking bayonet  
insert

Operating torque

Ncm

3

ozin

4.25

Tightening torque (Max)

Switch fixing

Nm

2.5

lbin

22.1

Contact terminals

Nm

0.8

lbin

7

Body lid screw fixing

Nm

0.8

lbin

7

Conductor section

AWG/Kcmil

min

16

max

14

IEC

min

mm<sup>2</sup>

1 or 2

|                  |     |                 |                               |
|------------------|-----|-----------------|-------------------------------|
|                  | max | mm <sup>2</sup> | 2.5                           |
| Cable connection |     |                 | Self-releasing screw terminal |
| Cable entry      |     |                 | M20 on the sides              |

**Operations**

|                      |          |           |
|----------------------|----------|-----------|
| Mechanical life      | cycles   | <10000000 |
| Mechanical operation | cycles/h | 3600      |

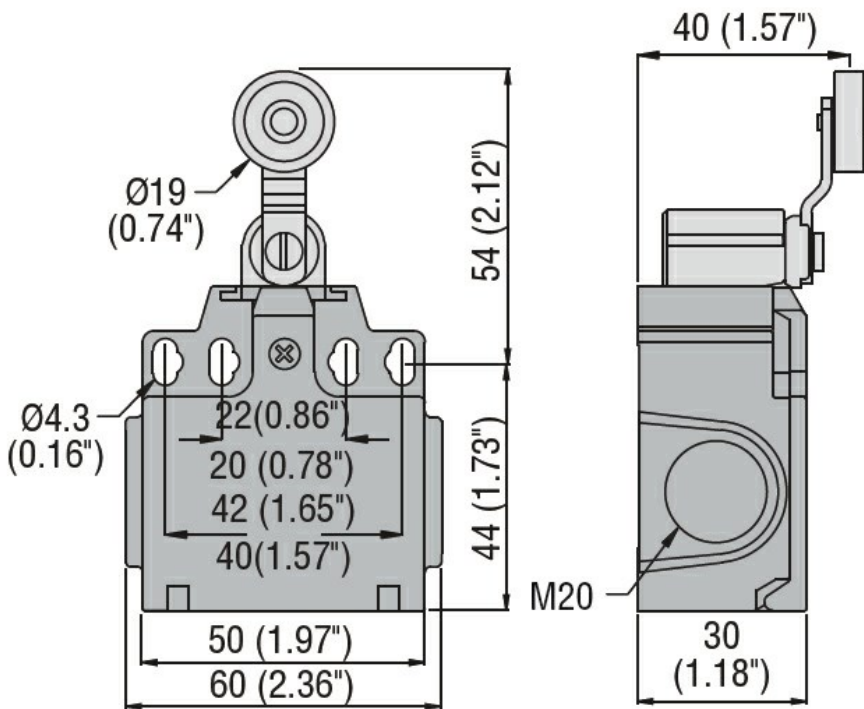
**Ambient conditions**

|             |                       |    |     |
|-------------|-----------------------|----|-----|
| Temperature | Operating temperature |    |     |
|             | min                   | °C | -25 |
|             | max                   | °C | +70 |
|             | Storage temperature   |    |     |
|             | min                   | °C | -40 |
|             | max                   | °C | +70 |

**Resistance & Protection**

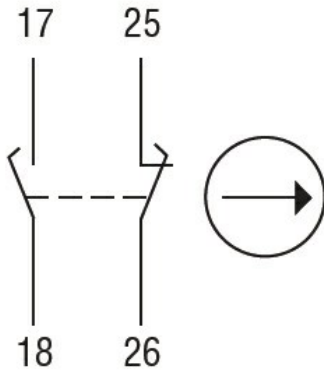
|                  |              |      |
|------------------|--------------|------|
| IP degree        | Terminals    | IP20 |
|                  | Body housing | IP65 |
| Pollution degree |              | 3    |

**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