



Product designation

Roller lever  
plunger

Product type designation

KME

### General characteristics

Material

Housing

Aluminium-zinc  
alloy  
Metal

Roller

### Contact characteristics

Type of contact

1NO+1NC Snap  
action

Thermal current I<sub>th</sub>

A

10

IEC/EN 60947-5-1 designation

A300 Q300

Rated insulation voltage U<sub>i</sub>

V

440

Rated impulse withstand voltage U<sub>imp</sub>

kV

4

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>

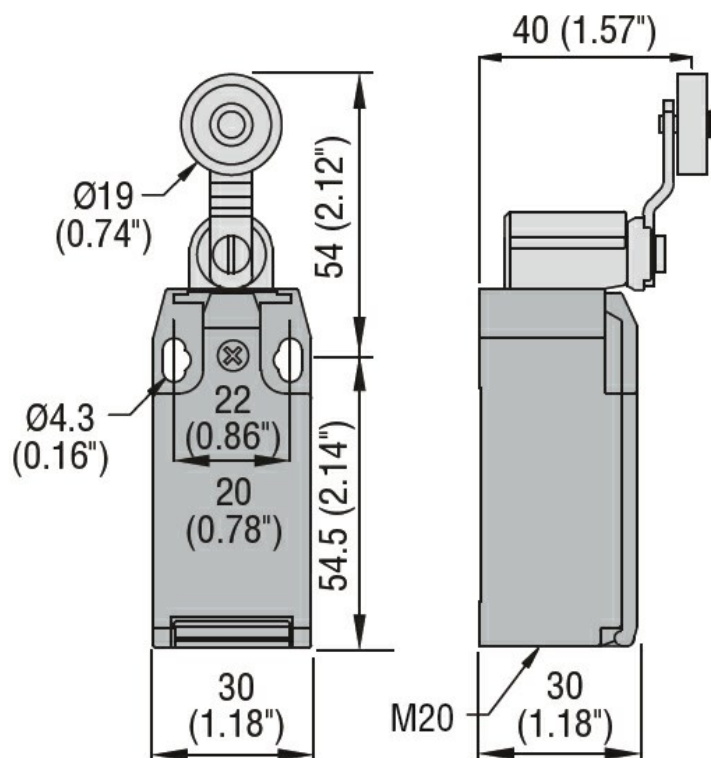
1or 2

max

mm<sup>2</sup>

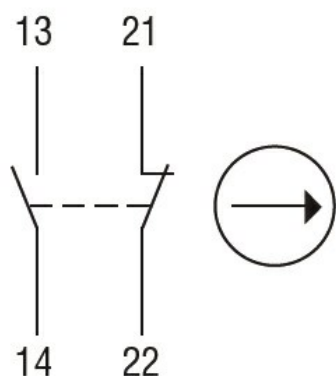
2.5

|                         |  |     |              |                               |
|-------------------------|--|-----|--------------|-------------------------------|
| 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        |  |     |              | 3                             |
| Dimensions              |  |     |              |                               |



## Wiring diagrams

## Snap action



**1NO + 1NC**

### 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