



Product designation

Roller lever
plunger

Product type designation

KME

General characteristics

Material

Housing

Aluminium-zinc
alloy
Metal

Roller

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 | m/s | 0.5 |
| max | m/s | 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 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 |

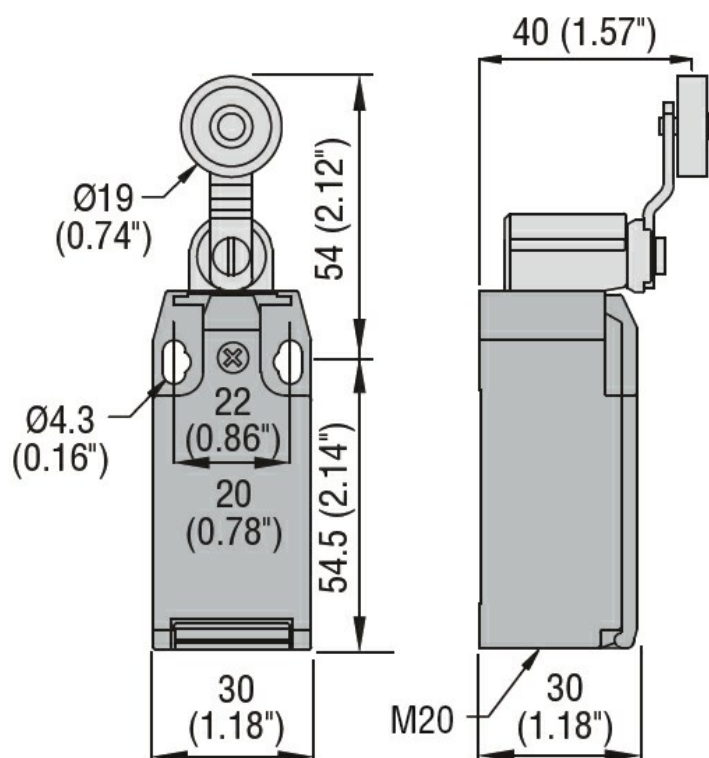
IEC

| | | |
|-----|-----------------|--------|
| min | mm ² | 1 or 2 |
| max | mm ² | 2.5 |

Cable connection

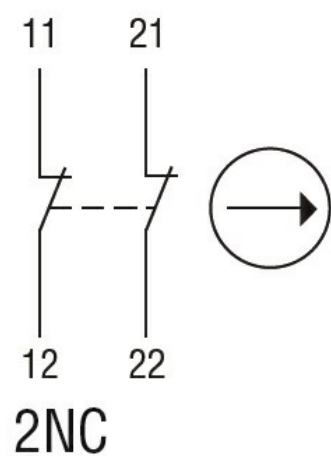
Self-releasing
screw terminal

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



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