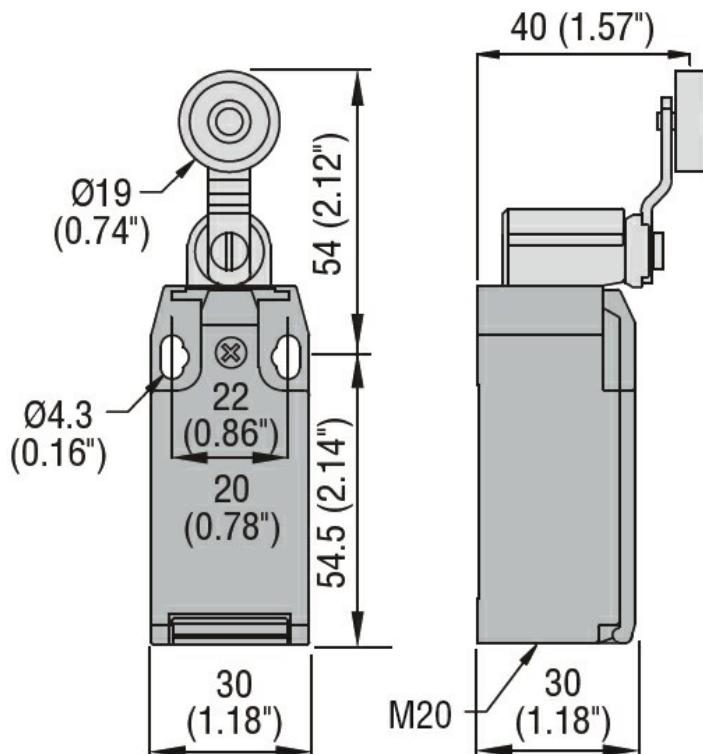




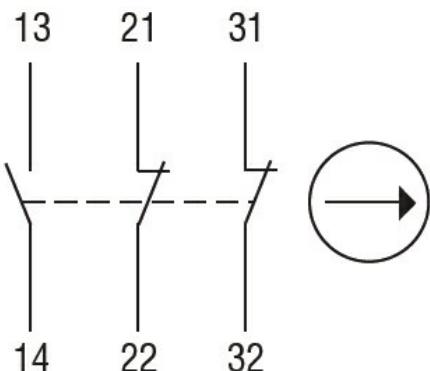
| | | | | | |
|--|-----------------------------|------------------------|--------|--|--|
| Product designation | Roller lever plunger KME | | | | |
| Product type designation | KME | | | | |
| General characteristics | | | | | |
| Material | Housing | Aluminium-zinc alloy | | | |
| | Roller | Metal | | | |
| Contact characteristics | | | | | |
| Type of contact | 1NO+2NC Slow action | | | | |
| Thermal current I_{th} | A | 10 | | | |
| IEC/EN 60947-5-1 designation | A300 Q300 | | | | |
| Rated insulation voltage U_i | V | 440 | | | |
| Rated impulse withstand voltage U_{imp} | 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_{th} | 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 | <table> <tr> <td>Operating temperature</td> <td>min</td> <td>°C</td> <td>-25</td> </tr> <tr> <td></td> <td>max</td> <td>°C</td> <td>+70</td> </tr> </table> | | | Operating temperature | min | °C | -25 | | max | °C | +70 |
| Operating temperature | min | °C | -25 | | | | | | | | |
| | max | °C | +70 | | | | | | | | |
| Storage temperature | <table> <tr> <td>min</td> <td>°C</td> <td>-40</td> </tr> <tr> <td>max</td> <td>°C</td> <td>+70</td> </tr> </table> | | | min | °C | -40 | max | °C | +70 | | |
| min | °C | -40 | | | | | | | | | |
| max | °C | +70 | | | | | | | | | |
| Resistance & Protection | | | | | | | | | | | |
| IP degree | <table> <tr> <td>Terminals</td> <td>IP20</td> </tr> <tr> <td>Body housing</td> <td>IP65</td> </tr> </table> | | | Terminals | IP20 | Body housing | IP65 | | | | |
| Terminals | IP20 | | | | | | | | | | |
| Body housing | IP65 | | | | | | | | | | |
| Pollution degree | 3 | | | | | | | | | | |
| Dimensions | | | | | | | | | | | |



Wiring diagrams

Slow action



1NO + 2NC

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