



Top push rod -  
metal plunger.  
M12 fixing head  
KSA4

Product designation

Product type designation

### General characteristics

Material

Housing

Polymer  
thermoplastic

### Contact characteristics

|                                         |   |  |           |
|-----------------------------------------|---|--|-----------|
| Type of contact                         |   |  | 1NO/NC    |
| Thermal current I <sub>th</sub>         | A |  | 15        |
| IEC/EN 60947-5-1 designation            |   |  | A600 P300 |
| Rated insulation voltage U <sub>i</sub> | V |  | 250       |
| Switching speed                         |   |  |           |

|     |     |      |
|-----|-----|------|
| min | m/s | 0.01 |
| max | m/s | 1    |

Operating speed

|     |     |      |
|-----|-----|------|
| min | m/s | 0.05 |
| max | m/s | 1    |

|                                                           |    |  |         |
|-----------------------------------------------------------|----|--|---------|
| IEC Conventional free air thermal current I <sub>th</sub> | A  |  | 15      |
| Resistance per pole (average value)                       | mΩ |  | <15     |
| Conductivity                                              |    |  | 10mA 5V |

### Mechanical features

|                       |  |  |       |
|-----------------------|--|--|-------|
| Terminals type        |  |  | Screw |
| Operating head fixing |  |  | Fixed |
| Operating torque      |  |  |       |

|      |     |
|------|-----|
| N    | 2.5 |
| ozin | 9   |

|        |   |    |
|--------|---|----|
| Weight | g | 52 |
|--------|---|----|

### Operations

|                      |          |          |
|----------------------|----------|----------|
| Mechanical life      | cycles   | 20000000 |
| Electrical life      | cycles   | 500000   |
| Mechanical operation | cycles/h | 240      |

### Ambient conditions

Temperature

Operating temperature

|     |    |     |
|-----|----|-----|
| min | °C | -25 |
| max | °C | +70 |

Storage temperature

|     |    |     |
|-----|----|-----|
| min | °C | -40 |
| max | °C | +70 |

### Resistance & Protection

IP degree

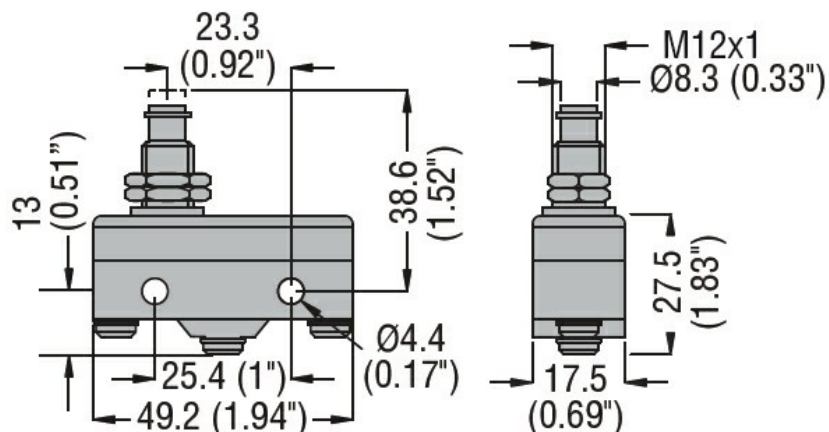
Body housing

IP00 or IP20 with  
terminal shroud

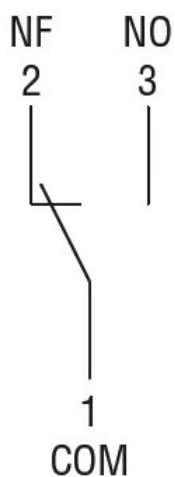
Pollution degree

3

## Dimensions



## Wiring diagrams



## Certifications and compliance

### Compliance

CSA C22.2 n° 14.

IEC/EN 60947-1

IEC/EN 60947-5-1

IEC/EN 61058-1

UL508

### Certificates

cURus

EAC

## ETIM classification

ETIM 8.0

EC000030 - End  
switch