

MICROMECC - Keylock switch IP54

3.13.026.021/0000

2 keys included.

Other lock variants available on request.



General information

| | |
|----------------|---------------|
| Color | charcoal grey |
| Form of collar | square |

Dimensions

| | |
|------------------|---------|
| Length of collar | 19 mm |
| Width of collar | 19 mm |
| Overall height | 19.5 mm |

Mechanical design

| | |
|-----------------------------|-----------------------------|
| Mounting | soldering |
| Terminals | tin-plated |
| Contact system | cross contact self cleaning |
| Contact function | latching |
| Contact materials | Au alloy |
| Illuminability | no |
| Lock | Micromec |
| Wafers | 5 |
| Lock type | 001 |
| Number of locking positions | 500 |
| Main key | on request |
| Key removal position | 0 |

Mechanical characteristics

| | |
|-----------------------------|------------------|
| Switching torque | 0.04 ... 0.10 Nm |
| Robustness max. | 2 Nm |
| Dielectric strength AC min. | 500 V |
| Rated power max. | 1 W |

Electrical characteristics

| | |
|--------------------------------------|-------------------|
| Rated voltage | 2 ... 35 V |
| Rated current max. | 100 mA |
| Contact resistance when new max. | 100 mΩ |
| Contact resistance acc. to life max. | 200 mΩ |
| Insulation resistance | 10 ⁹ Ω |
| ESD strength max. | 8 kV |

Other specifications

| | |
|--------------------------------------|--|
| Rotating angle | 3 x 90° |
| Operating life | 10,000 cycle |
| Degree of protection from front side | IP54 |
| Ambient temp. operating min. | -25 °C |
| Ambient temp. operating max. | +70 °C |
| Storage temperature min. | -40 °C |
| Storage temperature max. | +80 °C |
| Environmental resistance | acc. to IEC 60068-2-14, -30, -33 and -78 |
| Flammability of materials | UL 94 HB |
| ROHS compliant | yes |
| REACH compliant | yes |

PCB hole pattern, component side



