

## Priority keylock switch IP54

### 3.13.027.501/0000

2 sets of keys included.



Other lock variants available on request.

Either 2 or 3 different keys are required, depending on the angle between positions. Key 1 can switch to position 1, key 2 can switch to position 1 and 2, etc.

#### General information

Color	light 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

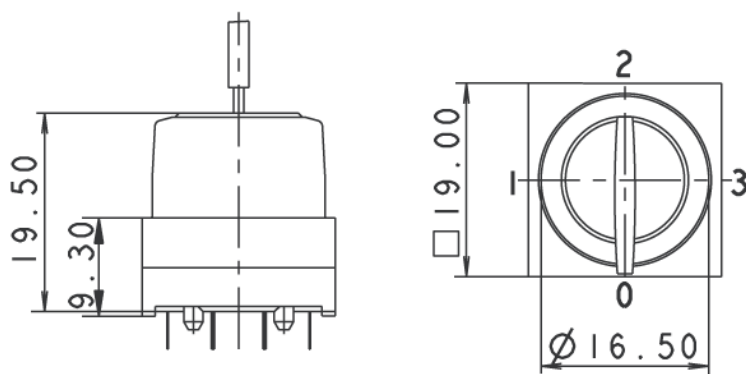
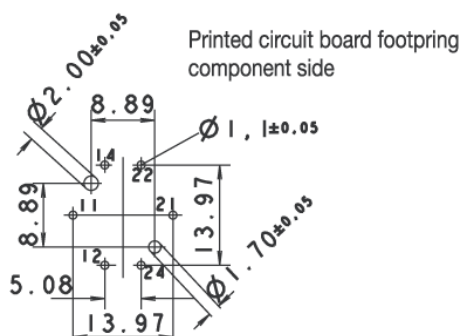
Rated voltage	2 ... 35 V
Rated current max.	100 mA
Contact resistance when new max.	100 mΩ
Contact resistance acc. to life max.	200 mΩ
Insulation resistance	10 <sup>9</sup> Ω

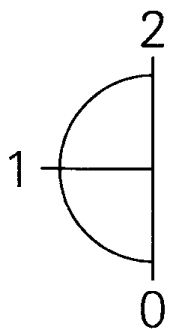
ESD strength max.	8 kV
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### Other specifications

Rotating angle	2 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





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