For other options or further information please contact your local sales office.

## Product Profile

The 1 K 2 Series is recommended for all PCB applications and is the most compact changeover switch on
the market.
Technical data see page 175

- Miniature single-pole changeover slide switch
- Ideal as a jumper replacement
- Highly compact with 2.54 mm pitch pins
- End and side by side stackable at 2.54 mm pitch
- Straight and right angled versions
- High reliability
- Gold contact as standard
- Fully sealed base suitable for solvent cleaning
- Raised actuator version suitable for through-panel operation

Changeover switch


1K2 changeover switch, PCB mount

| Part No. Slider Orientation | Contact Material <br> 09.03290 .01 | Extended (black) | Straight |
| :--- | :--- | :--- | :--- | Standard Gold plated 9.

## Change over slide switch

## Material

## Material of contact

$0.4 \mu \mathrm{~m} \mathrm{Au} / \mathrm{Ni}$ (standard version)
$2 \mu \mathrm{~m} \mathrm{Au} / \mathrm{Ni}$ (tropicalized version)

## Mechanical characteristics

## Terminals

$0.4 \mu \mathrm{~m} \mathrm{Au} / \mathrm{Ni}$ (standard version)
$2 \mu \mathrm{~m} \mathrm{Au} / \mathrm{Ni}$ (tropicalized version)

## Actuating travel

1.6 mm nominal

Mechanical lifetime
10000 operations
Resistance to heat of soldering at $250^{\circ} \mathrm{C}, 5 \mathrm{sec}$.

## Electrical characteristics

## Operating voltage/-curren

Nominal 12V, 500 mA
Maximum voltage 24 V
Minimum voltage $10 \mathrm{mV}, 1 \mathrm{~mA}$
Isolation resistance
$>10000 \mathrm{M} \Omega$ at 100 VDC

## Contact resistance

$<22 \mathrm{~m} \Omega$
Electrical life
1000 operations nominal
Switch rating
6W
Electric strength
250 Vrms, 50 Hz

## Environmental conditions

Operating temperature
$-40^{\circ} \mathrm{C} . . .+85^{\circ} \mathrm{C}$
Climate resistance
Damp heat steady:
4 days,
21 days (tropicalised version),
as per IEC 60512-6-11c
Saline mist:
24 hours
96 hours (tropicalised version),
as per IEC 60512-6-11f
Shock resistance
$50 \mathrm{~g}, 11 \mathrm{~ms}$, as per IEC 60512-4-6c
Resistance to vibrations
$10 \ldots 500 \mathrm{~Hz}, 10 \mathrm{~g}$, as per IEC 60512-4-6d


1K2
Low Profile Right Angle

$A=1-2$
$B=1-3$


## 1K2

Extended Straight


```
```

A=1-2

```
```

```
```

A=1-2

```
```



1K2 Layout


$A=1-2$
$B=1-3$
(A)

$\qquad$

## 1K2

Extended Right Angle


