

1K2

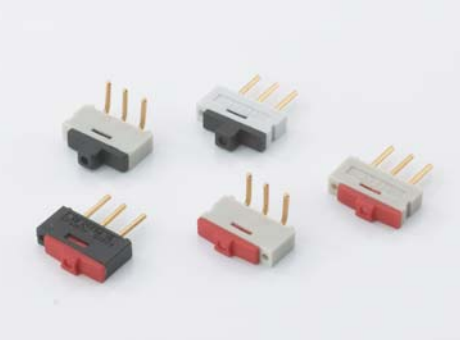
For other options or further information please contact your local sales office.

Product Profile

The 1K2 Series is recommended for all PCB applications and is the most compact changeover switch on the market.

- Miniature single-pole changeover slide switch
- Ideal as a jumper replacement
- Highly compact with 2.54mm pitch pins
- End and side by side stackable at 2.54mm 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



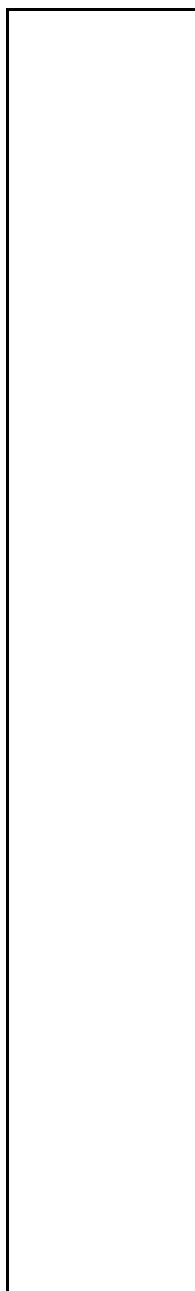
1K2 changeover switch, PCB mount

Part No.	Actuator	Orientation	Contact Material
09.03290.01	Extended (black)	Straight	Standard Gold plated
09.10290.01	Extended (black)	Right Angled	Standard Gold plated
09.03201.02	Low Profile (red)	Straight	Standard Gold plated
09.10201.02	Low Profile (red)	Right Angled	Standard Gold plated
19.03201.01	Low Profile (red)	Straight	Tropicalised Gold plated



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Series 1K2



Product Range

- miniature tact switches- change over slide switches **Page 725**

Technical Data

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Technical Drawing / Dimension / Layout

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Change over slide switch



	no. of poles	material of contacts	contacts	connection method	actuator/cursor	part no.	circuit drawing	technical drawing	component layout
Change over slide switch	1	gold plated (standard)	1 C	right-angled	Standard	09.10201.02	1	2	1
					raised	09.10290.01	1	4	1
				straight	Standard	09.03201.02	1	1	1
					raised	09.03290.01	1	3	1
		gold plated (tropicalised)		Standard	19.03201.01	1	1	1	

contacts : changeover = C

circuit drawings from page 728, technical drawings from page 727, component layouts from page 728

1K2

electrical characteristics

insulation resistance

at 100 VDC: > 10'000 MΩ

life time

nominal: 1000 operations

mechanical 10 000 operations

contact power rating

6 W

voltage

nominal: 12 V,

maximum: 24 V,

minimum: 10 mV

electric strength

250 Vrms, 50 Hz

current nominal

nominal: 500 mA,

minimum: 1 mA

contact resistance

< 22 mΩ

mechanical characteristics

actuating travel

1.6 mm nominal

contacts

0.4 μ Au/Ni (standard version)

2 μ Au/Ni (tropicalised version)

resistance to shock

50 g/11 ms (IEC 512-4 test 6c)

resistance to vibrations

10 to 500 Hz/10 g (IEC 512-4 test 6d)

climatic characteristics

service temperature

-40°C to + 85°C

damp heat

4 days (IEC 512-6) (standard version)

21 days (IEC 512-6) (tropicalised version)

soldering

at 250°C 5 sec.

hand mounting for 90° Version on Side-by-side mounting

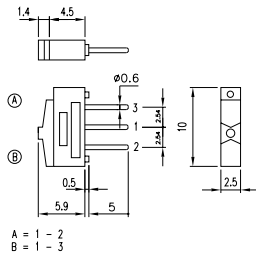
saline mist

24 hours (standard version)

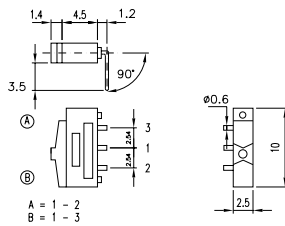
96 hours (tropicalised version)

technical drawings

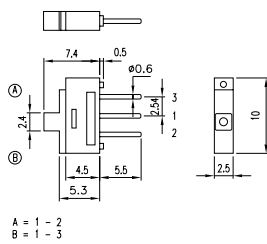
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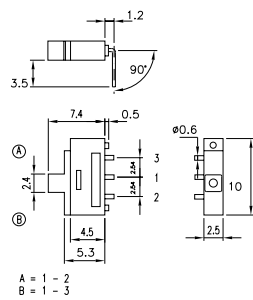
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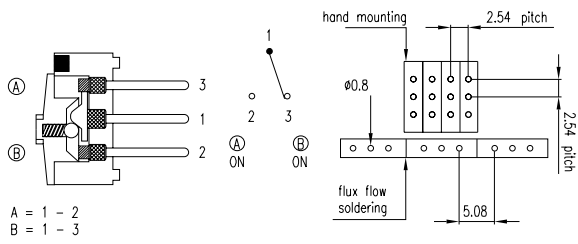


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component layouts

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circuit drawings

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