

## COMPONENTS

Recommended for all PCB applications as the most compact changeover switch

### Electrical life 3 000 operations

- Resistance to wave soldering at 250° C, 5 sec.
- Saline mist 96 hours tropicalised version,
- Damp heat 10 days, 21 days (tropicalised version),
- Self-extinguishing as per UL 94VO

## TECHNICAL SPECIFICATIONS

### ELECTRICAL SPECIFICATIONS

Nominal Current	500 mA
Minimum Current	1 mA
Nominal Voltage	12 V
Maximum Voltage	24 V
Minimum Voltage	10 mV
Contact power rating	6 W
Isolation resistance	≥10000 MΩ at 500Vdc
Contact resistance	≤30 mΩ
Electrical life	3000
Electric strength as per EN IEC 60512-2	250 V <sub>rms</sub> , 50 Hz, 1 min

### MECHANICAL CHARACTERISTICS

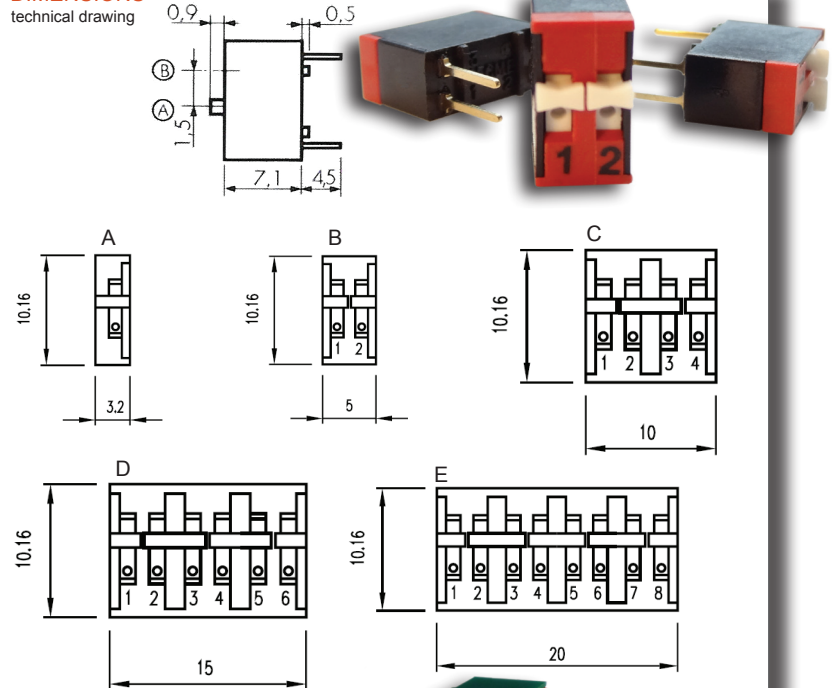
Switching action	Maintained	
Actuating travel	1.5 mm nominal	
Operating temperature	-40°C ... +85°C	
Shock resistance as per NFC 20708	30 g	
Environmental resistance	Standard «gold-plated cont.»	Tropical «gold cont.»
- Damp heat as per EN IEC 60512-11f	10 days	21 days
- Saline mist as per EN IEC 60512-11f	-	96 hours

### STANDARD PART NUMBERS

PCB slide switch	no. of poles	PCB technical drawing	Part Numbers
Switch tropical contact output in sealed, wave soldering.	1	2 A	<b>19.10000.01</b>
Switch standard contact, not in sealed exit, no wave soldering.	1	2 A	<b>09.10000.03</b>
Switch standard contact output in sealed, wave soldering.	1	2 A	<b>09.10000.39</b>
Switch tropical contact output in sealed, wave soldering.	2	7 B	<b>19.20000.01</b>
Switch standard contact, not in sealed exit, no wave soldering.	2	7 B	<b>09.20000.03</b>
Switch standard contact output in sealed, wave soldering.	2	7 B	<b>09.20000.39</b>
Switch tropical contact output in sealed, wave soldering.	4	9 C	<b>19.22000.01</b>
Switch standard contact, not in sealed exit, no wave soldering.	4	9 C	<b>09.22000.03</b>
Switch standard contact output in sealed, wave soldering.	4	9 C	<b>09.22000.39</b>
Switch tropical contact output in sealed, wave soldering.	6	8 D	<b>19.22200.01</b>
Switch standard contact output in sealed, wave soldering.	6	8 D	<b>09.22200.39</b>
Switch tropical contact output in sealed, wave soldering.	8	6 E	<b>19.22220.01</b>
Switch standard contact output in sealed, wave soldering.	8	6 E	<b>09.22220.39</b>
Changeover tropical contact output in sealed, wave soldering.	1	1 B	<b>19.40000.01</b>
Changeover standard contact, not in sealed exit, no wave soldering	1	1 B	<b>09.40000.03</b>
Changeover standard contact output in sealed, wave soldering.	1	1 B	<b>09.40000.39</b>
Changeover standard contact output in sealed, wave soldering.	2	3 C	<b>09.44000.39</b>
Changeover standard contact output in sealed, wave soldering.	3	5 D	<b>09.44400.39</b>
Changeover standard contact output in sealed, wave soldering.	4	4 E	<b>09.44440.39</b>
Double Switch standard contact output in sealed, wave soldering.	1	10 B	<b>09.70000.39</b>
Double Switch standard contact output in sealed, wave soldering.	2	11 C	<b>09.77000.39</b>
Double Switch standard contact, not in sealed exit, no wave soldering	1	10 B	<b>09.70000.03</b>

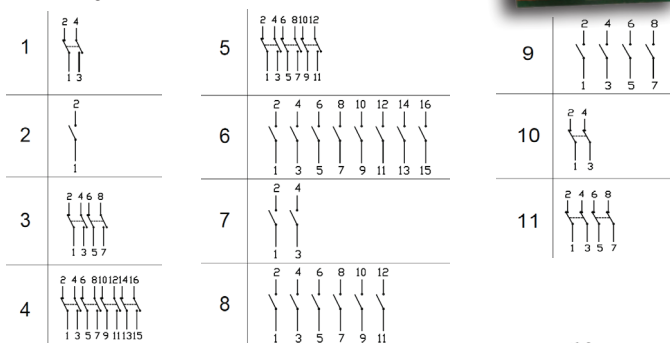
### DIMENSIONS

technical drawing



### CONNEXIONS

Circuit drawing



### MOUNTING

