



H range

Miniature Microswitches



- > Snap action switch - unsealed
- > Plastic casing
- > Gold plated silver contacts or gold contacts
- > Mounting holes for M2 screws
- > Dimensions compliant with DIN41635 standard-size «B»
- > Pin actuator or auxiliary actuator
- > Terminals: 4 options available
 - solder terminals.....code «S»
 - «Radio» terminals.....code «R»
 - Fork terminals.....code «F»
 - PCB terminals.....code «J»

Application:

- Operating temperature: -55°C to +150°C
- 2 available contact configurations up to 200mA for low level applications or 4A
- Mechanical service life: 1 000 000 cycles

Approvals and Compliance to Standards:

French Air Ministry Approval based on standard: AIR 8459 according to below.
 AIR reference: 300-1A / 300-2 / 350-1 / 350-2.
 AIR equipment sheets No 6.552.200, 6.552.201, 6.552.202, 6.552.203, 6.552.210.

Mechanical characteristics:

- Max. operating force: 2.502 to 6.40 N
- Min. release force: 0.60 to 2.50 N
- Pretravel: 0.15 to 0.55 mm
- Differential movement: 0.04 to 0.10mm
- Min. overtravel: 0.15mm

Environmental characteristics:

- Salt spray resistance: 48h
- Humidity: 93% relative humidity, +40° duration 168h
- Sinusoidal vibrations resistance: 5_500Hz, 10g in each of 3 orthogonal axis

Electrical characteristics:

Ratings (electrical load on one throw only)		5 mV ... 30 V d.c.	30 V d.c.	220 V a.c. - 50 Hz
Version 0.2A	- resistive load	A	0.2	0.2
	- inductive load	A	0.1 A (L/R ≤ 5 ms)	0.1 (Cos φ ≥ 0.5)
Version 4 A	- resistive load	A	-	4
	- inductive load	A	-	2 (L/R ≤ 5 ms)
Electrical service life	cycles	100 000	100 000	100 000
Changeover time	ms	≤ 10	≤ 10	≤ 10
Contact resistance	mΩ	≤ 50 mΩ under 6 V d.c. - 100 mA according to MIL-PRF-8805 (As new, wires or cable not included)		
Dielectric strength (50 Hz - 1 mn)				
- between terminals	V a.c.	500		
- between all terminals and earth (ground)	V a.c.	1500		
Insulation resistance	MΩ	≥ 100 MΩ under 500 V d.c. (at 23 °C with < 80 % relative humidity)		