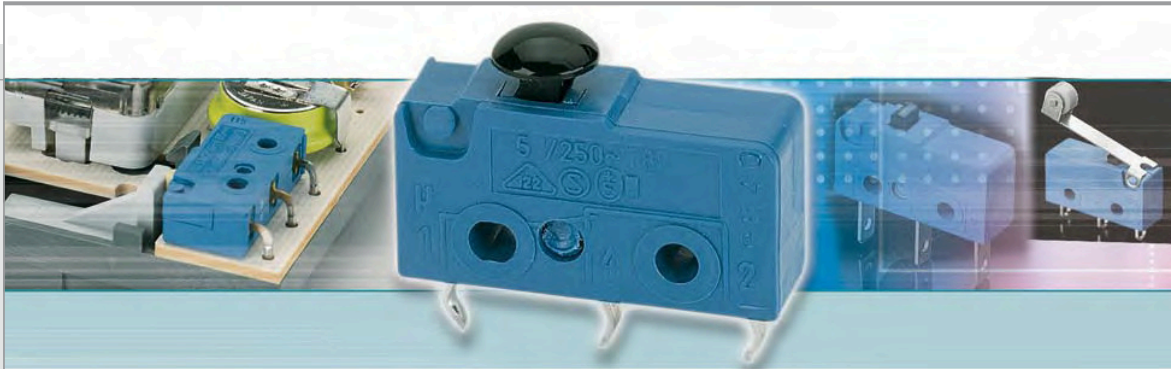


SERIES 1050 - SUBMINIATURE SNAP-ACTION SWITCHES

TO 10 (1.5) A 250 V AC







PRODUCT FEATURES

- ◆ Small, efficient snap-action switch up to 10 (1.5) A 250 V AC or 10.1 A 125 - 250 V AC 1/4 HP
- ◆ Lateral approach from both directions possible due to mushroom-shaped actuator
- ◆ Large selection of auxiliary actuators of chrome-nickel steel and plastic

ON REQUEST

- ◆ Extended overtravel
- ◆ Material conformant with the filament wire test acc. to IEC 60335-1:2001 chap. 30
- ◆ Increased or reduced difference travel
- ◆ Other operating forces and ratings
- ◆ Gold-plated contacts

Design	DIN 41635 B
Mechanical life endurance	10E6 1E6 (versions with auxiliary actuator)
Contact resistance (new condition)	< 100 mOhm (1 A 12 V DC) mOhm
Insulation resistance (new condition)	> 100 MOhm (500 V DC)
Voltage strength at 250 V	1 500 V function insulation / basic insulation 3 000 V reinforced insulation (depending on installation situation) 500 V small contact distance
Proof tracking	175 PTI
Insulation spacing	acc. to EN 61058 for reinforced or double insulation
Protection type	IP 40 (actuator side)
Ambient temperature	-40 °C ... +100 °C
Flammability	UL 94 V-2
Heat and fire resistance	850 °C (category D)
Material	actuator PA additional actuator stainless steel spring steel / PA glass fiber-reinforced housing PBTP connections tinned / silver-plated / blank (product-dependent)
Bounce time	< 5 ms
Approval marks	 /  /  / 
Suitable for appliances of protection class II under compliance with the installation conditions required on the equipment side	



ROCKER SWITCHES

PUSHBUTTON SWITCHES

TOGGLE SWITCHES

SLIDE SWITCHES

ROTARY SWITCHES

FOOT SWITCHES

POWER TOOL SWITCHES

TACT AND KEY SWITCHES


SNAP-ACTION SWITCHES

MICRO-SIGNAL SWITCHES

SENSORS

SERIES 1050 - SUBMINIATURE SNAP-ACTION SWITCHES

TO 10 (1.5) A 250 V AC

		10 (1.5) A 250 V AC 1E4	5 A 250 V AC 5E4	2 (0.5) A 250 V AC 25E3	10/1 A 125 - 250 V AC 1/4 HP	5 A 125 - 250 V AC 1/10 HP	2 A 125 - 250 V AC	Connection type	Connection description	Contact material	Operating force in N	Operating position (OP) in mm	Difference travel max. in mm	Free position (FP) max. in mm	Permissible total travel position (TP) in mm	Actuator description	Lever drawing	Miscellaneous	Stock version
Normally closed contact (SPNC)																			
1050.1142		●			●				2.8 x 0.5	Ag	≤ 1.5	8.4 ± 0.3	0.2	9.3	7.5	□			
Normally open contact (SPNO)																			
1050.0122		●			●					Ag	≤ 1.5	8.4 ± 0.3	0.2	9.3	7.5	□			●
1050.1122		●			●				2.8 x 0.5	Ag	≤ 1.5	8.4 ± 0.3	0.2	9.3	7.5	□			●
1050.1426		●			●				2.8 x 0.5	Ag	≤ 1.5	9.9 ± 0.3	0.2	10.8	8.6		without approval mark greater overtravel		
1050.2122		●			●				sealed	Ag	≤ 1.5	8.4 ± 0.3	0.2	9.3	7.5	□			
1050.1125			●			●			2.8 x 0.5	Ag	≤ 0.7	8.4 ± 0.3	0.2	9.3	7.5	□			
Changeover switch (SPDT momentary)																			
1050.0103		●			●					Ag	≤ 2.2	8.4 ± 0.3	0.2	9.3	7.5	□			●
1050.2403		●			●				sealed	Ag	≤ 2.2	8.4 ± 0.3	0.1	9.3	7	□	greater overtravel		
1050.0102		●			●				sealed	Ag	≤ 1.5	8.4 ± 0.3	0.2	9.3	7.5	□			●
1050.0202		●			●					Ag	≤ 1.5	9.9 ± 0.3	0.2	10.8	9.1				●
1050.0802		●			●					Ag	≤ 5	9.9 ± 0.3	0.2	10.8	9.3		foam sealing ring around pushbutton		
1050.1102		●			●				2.8 x 0.5	Ag	≤ 1.5	8.4 ± 0.3	0.2	9.3	7.5	□			●
1050.1202		●			●				2.8 x 0.5	Ag	≤ 1.5	9.9 ± 0.3	0.2	10.8	9.1				●
1050.2102		●			●				sealed	Ag	≤ 1.5	8.4 ± 0.3	0.2	9.3	7.5	□			●
1050.2202		●			●				sealed	Ag	≤ 1.5	9.9 ± 0.3	0.2	10.8	9.1				●
1050.3102		●			●					Ag	≤ 1.5	8.4 ± 0.3	0.2	9.3	7.5	□	fixing pin		●
1050.4102		●			●					Ag	≤ 1.5	8.4 ± 0.3	0.2	9.3	7.5	□	fixing pin		●
1050.5202		●			●				sealed	Ag	≤ 0.5	11.1 ± 1.5	1.0	15	7.4		L02		●
1050.5502		●			●				sealed	Ag	≤ 0.6	16.4 ± 1.5	1.0	20	13		L22		
1050.5702		●			●				sealed	Ag	≤ 0.6	16.2 ± 1.5	1.0	20	13		L12		●
1050.6702		●			●				2.8 x 0.5	Ag	≤ 0.6	16.2 ± 1.5	1.0	20	13		L12		●
1050.7202		●			●				sealed	Ag	≤ 0.5	11.1 ± 1.5	1.0	15	7.4		L02		●
1050.7702		●			●				sealed	Ag	≤ 0.6	16.2 ± 1.5	1.0	20	13		L12		●
1050.0151			●			●			sealed	Au	≤ 1.5	8.4 ± 0.3	0.2	9.3	7.5	□			●
1050.1151			●			●			2.8 x 0.5	Au	≤ 1.5	8.4 ± 0.3	0.2	9.3	7.5	□			●
1050.2151			●			●			sealed	Au	≤ 1.5	8.4 ± 0.3	0.2	9.3	7.5	□			●