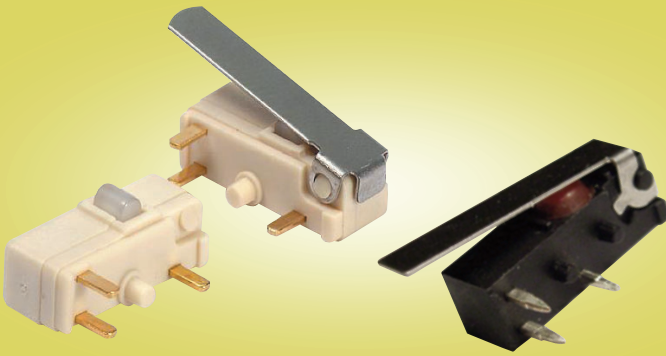


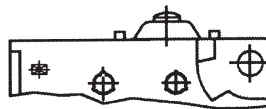
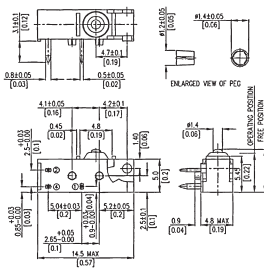
Ultraminiature Microswitch F1NS Series



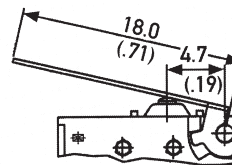
A low profile switch with side protruding terminals designed primarily for printed circuit boards. Featuring single pole, snap action changeover contacts available with plunger, plain lever or form roller lever.

Electrical rating	1 Amp at 250 VAC, 2 Amp at 30 VDC		
Contacts	Single pole changeover		
Contact material	Fine silver		
Mechanical life	10 ⁷		
Temperature	-40 to +85°C		
Terminals	PCB, brass silver plated (flux proof)		
IP Rating	IP54		
Housing / Levers	Glass fibre reinforced polyamide / Acetal		
	Plunger	Lever	Roller
Operating force max.N	2	0.6	0.6
Release force min.N	0.3	0.09	0.09
Free position.mm	6.5	10.5	13.3
Tripping point.mm	5.9	7.6	10.1
Differential travel.mm	0.18	0.7	0.7
Overtravel min.	Flush with case		
Operating characteristics are specified from mounting face			

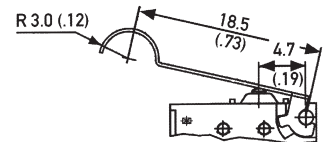
Levers for Burgess F1NS Series Ultraminiature Microswitches



Plunger



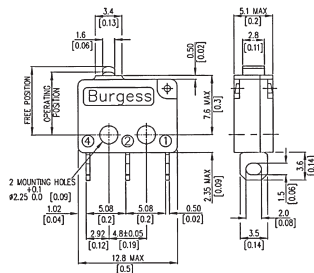
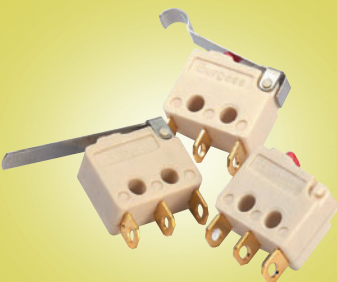
Plain Lever 18 mm



Form Roller 18.5 mm

Stock No.	Manufactures Ref'	Actuator	Contacts	Terminals	Lever/Length	Unit Price		
						1-24	25-249	250+
2191675	F1T8Y1GPUL IP40	PLUNGER	Ag	PCB/SIDE	FORM ROLLER/18.5MM	3.55	3.20	2.72
2191660	F1NST8 IP54	PLUNGER	Ag	PCB/SIDE		1.96	1.76	1.50
2191663	F1NST8A1 IP54	PLUNGER	Ag	PCB/SIDE	PLAIN/18MM	2.29	2.06	1.75
2191666	F1NST8AC IP54	PLUNGER	Ag	PCB/SIDE	FORM ROLLER/18.5MM	2.36	2.12	1.81

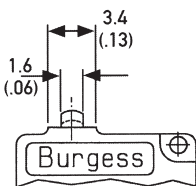
Ultraminiature Microswitch F4 Series



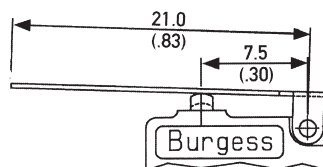
A conventionally styled switch with two side-mounting holes and base protruding terminals suitable for solder connections. Featuring silver or gold plated, single pole changeover contacts with wiping action mechanism, to provide improved weld breaking capability. Available with plunger, plain lever or form roller lever.

Electrical rating	5 A at 250 VAC, 5 A at 30 VDC (silver only)		
Contacts	Single pole changeover		
Contact material	Silver or gold plate on silver		
Operating force max. N	1.4 (plunger), 0.6 (plain), 0.7 (form roller)		
Release force min. N	0.25 (plunger), 0.07 (plain), 0.09 (form roller)		
Free position. mm	8.8 (plunger), 10 (plain), 11.7 (form roller)		
Tripping point. mm	8.1 (plunger), 8.2 (plain), 10.3 (form roller)		
Differential travel. mm	0.13 (plunger), 0.7 (plain), 0.45 (form roller)		
Overtravel min.	Flush with case		
Mechanical life	10 ⁷		
Temperature	-40 to +85°C		
Terminals	Solder type, brass gold flashed		
IP Rating	IP40		
Housing	Glass fibre reinforced polyamide		
Approvals	UL, CSA		

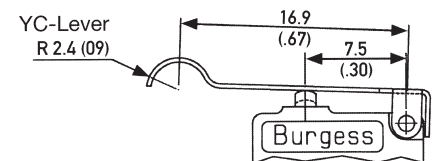
Levers for Burgess F4 Series Ultraminiature Microswitches



Plunger



Plain Lever 21 mm



Form Roller 16.9 mm

Stock No.	Manufactures Ref'	Actuator	Contacts	Terminals	Lever/Length	Unit Price		
						1-24	25-249	250+
2191696	F4T7UL	PLUNGER	Ag	SOLDER		2.26	2.03	1.73
2191693	F4T7GPUL	PLUNGER	Ag/Au	SOLDER		2.65	2.39	2.03
2191702	F4T7Y1UL	PLUNGER	Ag	SOLDER	PLAIN/21MM	2.58	2.32	1.97
2191699	F4T7Y1GPUL	PLUNGER	Ag/Au	SOLDER	PLAIN/21MM	2.81	2.53	2.15
2191705	F4T7YCUL	PLUNGER	Ag	SOLDER	FORM ROLLER/16.9MM	2.65	2.39	2.03
2191708	F4T7YCGPUL	PLUNGER	Ag/Au	SOLDER	FORM ROLLER/16.9MM	2.88	2.59	2.20