

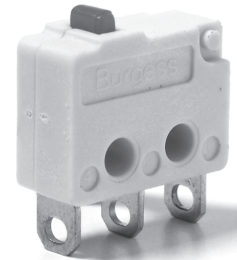
F4

Snap-action Microswitches

Ultraminiature

F4

Characteristics	<ul style="list-style-type: none"> ■ High electrical rating from a very small switch ■ Long mechanical and electrical life ■ Gold-plated contact option
Rating	Up to 250 VAC, 5 A
Dimensions (mm)	12.8 × 10 × 5
Actuator	Plunger, plain lever, simulated roller (cam follower) lever
Approvals	UL and CSA



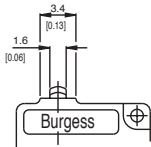
Preferred Range

Ordering Reference	Actuating Force (N) (ozf)		Sealing	Operating pos. (mm) (in)		Terminal	Circuit	Actuator	Contacts	Electrical rating
F4T7UL	1.4	5.00	IP40	8.1	0.32	Solder	CO	Plunger	Silver	Up to 250 VAC, 5 A
F4T7GPUL	1.4	5.00	IP40	8.1	0.32	Solder	CO	Plunger	Gold plate	Up to 250 VAC, 5 A
F4T7Y1UL	0.6	2.20	IP40	8.2	0.32	Solder	CO	Plain lever	Silver	Up to 250 VAC, 5 A
F4T7Y1GPUL	0.6	2.20	IP40	8.2	0.32	Solder	CO	Plain lever	Gold plate	Up to 250 VAC, 5 A
F4T7YCUL	0.7	2.50	IP40	10.3	0.41	Solder	CO	Simulated roller	Silver	Up to 250 VAC, 5 A
F4T7YCGPUL	0.7	2.50	IP40	10.3	0.41	Solder	CO	Simulated roller	Gold plate	Up to 250 VAC, 5 A

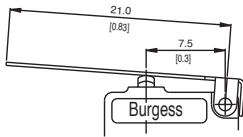
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Operating Characteristics

Actuator	Reference	Actuating Force Maximum		Release Force Minimum		Free Position Maximum		Operating Position		Movement Differential Maximum		Over travel		
		(N)	(ozf)	(N)	(ozf)	(mm)	(in)	(mm)	(in)	(mm)	(in)			
Plunger	F4T6 F4T7	1.4	5.00	0.25	0.90	8.8	0.35	8.1	+0.3 -0.2	0.32	+0.01 -0.008	0.13	0.005	*

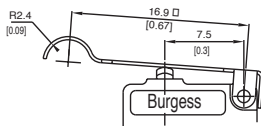


Y1-Lever	F4T6Y1 F4T7Y1	0.6	2.20	0.07	0.25	10.0	0.39	8.2	+1.0 -0.7	0.32	+0.04 -0.03	0.70	0.030	*
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Width of lever 3.0 mm/0.12 in

YC-Lever	F4T6YC F4T7YC	0.7	2.50	0.09	0.32	11.7	0.46	10.3	+0.8 -0.55	0.41	+0.03 -0.02	0.45	0.020	*
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Width of lever 3.0 mm/0.12 in

Operating characteristics are specified from the mounting holes.

* Plunger can be depressed flush with housing. The housing should not be used as an end stop.

Ordering Reference

F4			
Terminals	T6	Faston	2.03 × 0.5 × 6.6 long
	T7	Solder	3.50 × 0.5 × 3.6 long
	T8	PCB	0.8 × 0.5 × 4.0 long
Circuit		No symbol	Change over
	C2	Normally closed	
	C4	Normally open	
Actuators		No symbol	Without lever
	Y1	Plain lever	21.0 mm
	YC	Cam follower lever	16.9 mm
Contacts		No symbol	Fine silver
	GP	Gold plate on silver (GP)	
Approvals		No symbol	Without approval
	UL	UL and CSA approval	

F5

Snap-action Microswitches

Ultraminiature

F5

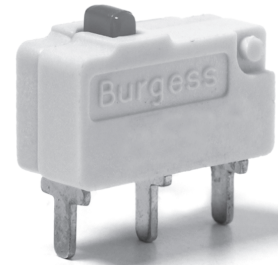
- Characteristics
- High electrical rating from a very small switch
 - Long mechanical and electrical life
 - PCB terminals
 - Gold-plated contact option
 - UL and CSA approved

Rating Up to 250 VAC, 5 A

Dimensions (mm) 12.8 × 7.25 × 5

Actuator Plunger, plain lever, simulated roller (cam follower) lever

Approvals UL and CSA



Preferred Range

Ordering Reference	Actuating Force (N) (ozf)		Sealing	Operating pos. (mm) (in)		Terminal	Circuit	Actuator	Contacts	Electrical rating
F5T8UL	1.4	5.00	IP40	8.75	0.34	PCB	CO	Plunger	Silver	Up to 250 VAC, 5 A
F5T8GPUL	1.4	5.00	IP40	8.75	0.34	PCB	CO	Plunger	Gold plate	Up to 250 VAC, 5 A
F5T8Y1UL	0.6	2.20	IP40	8.80	0.35	PCB	CO	Plain lever	Silver	Up to 250 VAC, 5 A
F5T8Y1GPUL	0.6	2.20	IP40	8.80	0.35	PCB	CO	Plain lever	Gold plate	Up to 250 VAC, 5 A
F5T8YCUL	0.7	2.50	IP40	10.90	0.43	PCB	CO	Simulated roller	Silver	Up to 250 VAC, 5 A
F5T8YCGPUL	0.7	2.50	IP40	10.90	0.43	PCB	CO	Simulated roller	Gold plate	Up to 250 VAC, 5 A

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