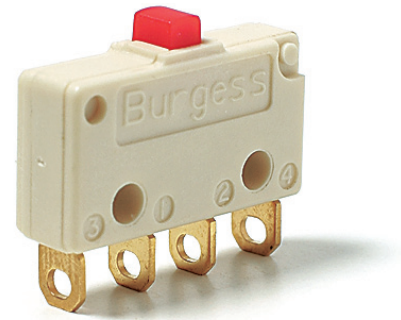


FK4

Characteristics	<ul style="list-style-type: none"> ■ double break switching ■ long mechanical and electrical life ■ solder
Rating	250 VAC, 5 A
Dimensions (mm)	18 × 8 × 5
Actuator	<ul style="list-style-type: none"> ■ plunger ■ plain lever ■ simulated roller lever/cam follower
Approvals	UL and CSA



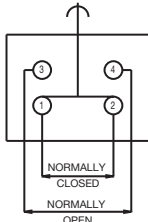
Preferred Range

Ordering Reference	Actuating Force (N) (ozf)		Sealing	Operating pos. (mm) (in)		Terminal	Circuit	Actuator	Contacts	Electrical rating
FK4T7UL	1,8	6,5	IP40	8,25	0,32	Solder	SPDT	Plunger	Ag	Up to 250 VAC, 5 A
FK4T7Y1UL	0,8	2,9	IP40	8,25	0,32	Solder	SPDT	Plain lever	Ag	Up to 250 VAC, 5 A
FK4T7YCUL	1,0	3,6	IP40	10,40	0,41	Solder	SPDT	Simulated roller	Ag	Up to 250 VAC, 5 A

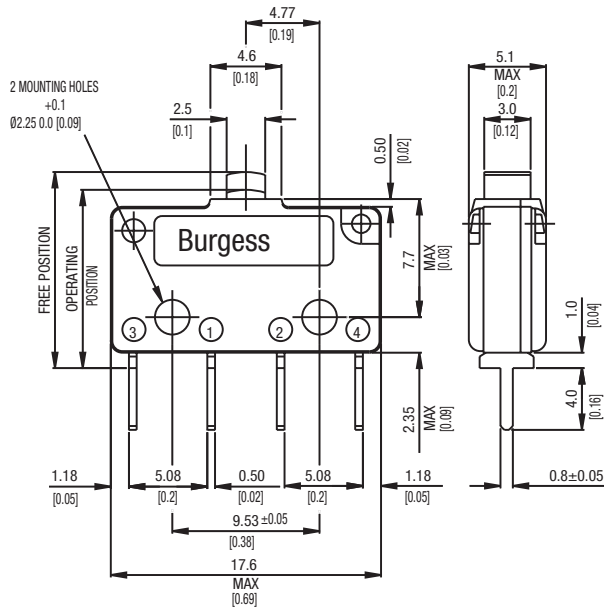
Specifications

Housing	Glass fibre reinforced flame retardent nylon
Plunger	Nylon
Mechanism	Double pole, single throw snap-action coil spring mechanism with stainless steel springs
Functions	Change-over, NO, NC
Contacts	Silver
Terminals	Solder, PCB - brass, gold flashed
Temperature range °C	-40°C to +85°C
Mechanical life	10 ⁷ cycles minimum (impact free actuation)
Protection	IP40 (enclosure)
Mounting	Side mounting or PCB mounting (T8 only)
Actuators	Plain lever, simulated roller lever/cam follower, stainless steel

Circuit diagram



Dimensions



Recommended maximum electrical ratings

Voltage (max)	Load (A)	Approval
250 VAC	5 (0.75 pf)	UL 1054/CSA 22.2 No. 55 - 6,000 operations
125 VAC	5 (0.75 pf)	UL 1054/CSA 22.2 No. 55 - 6,000 operations
0 - 15 VDC	5	General rating - 50,000 operations
15 - 30 VDC	3	General rating - 50,000 operations

Values shown are recommended maximum ratings for single circuit switching

Operating Characteristics

Actuator	Reference	Actuating Force		Release Position		Free Position Maximum (mm)	Operating Differential Maximum (mm)	Movement			
		Maximum (N)	Force (ozf)	Minimum (N)	Minimum (ozf)			(in)	(mm)	(in)	
<p>Plunger</p>	FK4T7*	1,8	6,50	0,25	0,9	9,4	0,37	8,25 ± 0,25	0,32 ± 0,01	0,50	0,02
<p>Y1 Lever</p> <p>Width of lever 3.0 mm/0.12 in</p>	FK4T7Y1	0,8	2,90	0,09	0,3	12,1	0,48	8,25 ± 0,9	0,32 ± 0,04	1,85	0,07
<p>YC Lever</p> <p>Width of lever 3.0 mm/0.12 in</p>	FK4T7YC	1,0	3,60	0,1	0,4	13,5	0,53	10,40 ± 0,6	0,41 ± 0,02	1,30	0,05

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

Datum for free position and operating position

* FK4T7 – Center of fixing hole

Ordering Reference

Basic type	FK4	Example: FK4			T7	Y1	UL
Terminals	T7	Solder	0,5 × 3,5 × 3,6 long				
Actuators	Y1	No symbol, plunger					
	Y1	Plain lever					
	YC	Simulated roller lever/cam follower					
Approvals	UL	UL and CSA					



ERMEC, S.L. BARCELONA
C/ Francesc Teixidó, 22
E-08918 Badalona
(Spain)

Tel.: (+34) 902 450 160
Fax: (+34) 902 433 088
info@ermec.com
www.ermec.com

ERMEC, S.L. MADRID
C/ Sagasta, 8, 1ª planta
E-28004 Madrid
(Spain)

PORTUGAL
portugal@ermec.com
BILBAO
bilbao@ermec.com