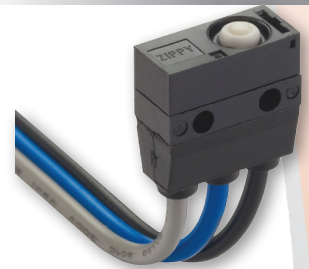


DFW (IP67) Series Micro Switches (WATERPROOF)

herga

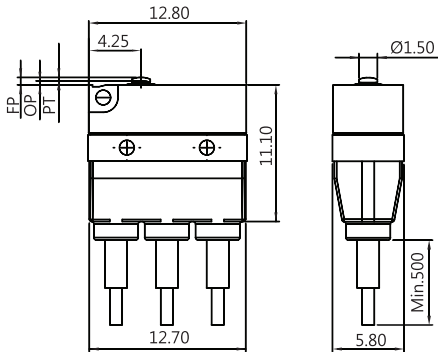
Technology Ltd

- High quality micro switches for a wide range of applications
- Excellent performance, high reliability and long service life
- UL/cUL and ENEC certification
- Applications - automotive (operation system, engine area Interior), air conditioner, communication, electric tooth brush, toys



Reference dimensions mm

Unless otherwise specified, a tolerance of ± 0.4 mm applies to all dimensions.



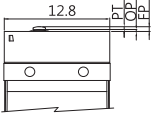
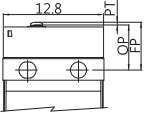
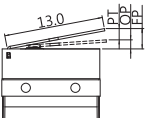
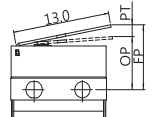
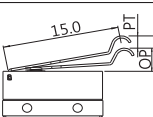
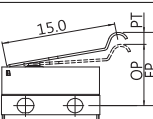
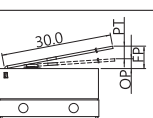
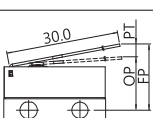
Certification information

Model Name	UL - cUL	ENEC
DFW-P1	0.1RA 125/250VAC μ T85 1E4 3RA 24VDC μ T85 1E4	0.1A 125/250VAC μ T85 1E4 3A 24VDC μ T85 1E4
DFW-05	5RA 125/250VAC μ T85 1E4 3RA 24VDC μ T85 1E4	5A 125/250VAC μ T85 1E4 3A 24VDC μ T85 1E4

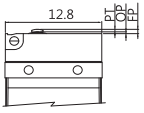
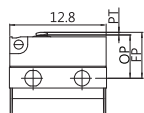
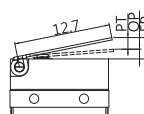
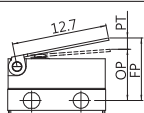
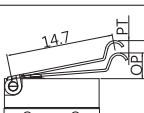
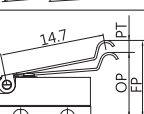
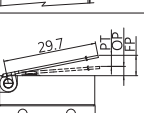
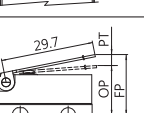
Ordering information

DFW	05	S	B01	D	0	A	E	A	001	Z
SERIES PREFIX	RATING CURRENT	OPERATING FORCE	ACTUATOR TYPE	WIRE TYPE	CIRCUIT ARRANGEMENT	CASE & COVER TYPE	AWG TYPE	UL NUMBER	SERIAL CODE	ROHS CODE
	P1 0.1A 125/250VAC 05 5A 125/250VAC	S STANDARD L LIGHT	A00 A01 A02	D R L	0 S.P.D.T 1 S.P.S.T NO 2 S.P.S.T NC	A E F G	E 20 AWG F 22 AWG G 24 AWG	A UL1007 C UL1430 D UL1061		
			B00 B01 B02							

Operating characteristics (Internal snap-fit lever)

SWITCH TYPE	PART SUFFIX	OF Max. (gf)		OP (mm)	PT Max. (mm)	OT Min. (mm)	MD Max. (mm)	FP Max. (mm)	RF Min. (gf)
		L	S						
DFW-□□□-A00□-Z		L	100	0.4 ± 0.2	0.5	0.2	0.12	0.9	21
		S	170						35
		L	100	5.9 ± 0.2	0.5	0.2	0.12	6.4	21
		S	170						35
DFW-□□□-A01□-Z		L	32	1.6 ± 0.8	3.4	0.6	0.8	3.5	5
		S	56						8
		L	32	7.1 ± 0.8	3.4	0.6	0.8	9.0	5
		S	56						8
DFW-□□□-A02□-Z		L	28	3.6 ± 0.8	3.5	0.7	0.92	7.6	5
		S	48						7
		L	28	9.1 ± 0.8	3.5	0.7	0.92	13.1	5
		S	48						7
DFW-□□□-A09□-Z		L	15	2.9 ± 1.7	6.9	0.55	1.9	10.2	2
		S	24						3
		L	15	8.4 ± 1.7	6.9	0.55	1.9	15.7	2
		S	24						3

Operating characteristics (External snap-fit lever)

SWITCH TYPE	PART SUFFIX	OF Max. (gf)		OP (mm)	PT Max. (mm)	OT Min. (mm)	MD Max. (mm)	FP Max. (mm)	RF Min. (gf)
DFW- □□□ -B00 □ -Z		L	100	0.4 ± 0.2	0.5	0.2	0.12	0.9	21
		S	170						35
		L	100	5.9 ± 0.2	0.5	0.2	0.12	6.4	21
		S	170						35
DFW- □□□ -B01 □ -Z		L	32	1.6 ± 0.8	3.4	0.6	0.8	3.5	5
		S	56						8
		L	32	7.1 ± 0.8	3.4	0.6	0.8	9.0	5
		S	56						8
DFW- □□□ -B02 □ -Z		L	28	3.6 ± 0.8	3.5	0.7	0.92	7.6	5
		S	48						7
		L	28	9.1 ± 0.8	3.5	0.7	0.92	13.1	5
		S	48						7
DFW- □□□ -B09 □ -Z		L	15	2.9 ± 1.7	6.9	0.55	1.9	10.2	2
		S	24						3
		L	15	8.4 ± 1.7	6.9	0.55	1.9	15.7	2
		S	24						3