



MICRO SWITCH™ Standard Large Basic Precision Snap Acting Switches



BZ/BA Series Standard Basic Switches are used for simple or precision on/off application needs. DT Series Standard Basic Switches consist of two independent single-pole double throw circuits in one housing actuated by one actuator. The terminals are separated by a non-conductive shield to reduce shorting.

- Features**
- ▶ Momentary or Maintained Contact Options
 - ▶ Variety of Actuating Options
 - ▶ Optional Sealed Plungers
 - ▶ UL Recognized, CSA Certified (25 Amp Version)
 - ▶ CE and ENEC (Except 25 Amp Version)
 - ▶ Gold Contacts Available for Low Energy Switching
- Specifications**
- ▶ Operating Force 1.0 Oz. to 28 Oz.
 - ▶ Sensitive Differential Travel as Low as 0.0004"
 - ▶ Power Load Switching Capabilities Up to 25 A
 - ▶ Motor Load Capability Up to 2 HP @ 250 VAC
 - ▶ Temperature Rating: -55°C to 85°C (-67°F to 185°F)

Pin Plunger Switches

Stock No.	Mfr.'s Type	Description	Terminal Type	Plunger Loc. Dim. (in.)	Current Rating (A)	O.F. (Oz.)	P.T. (Inches)	D.T. (Inches)	O.P. (Inches)	EACH				
										1-9	10-24	25-49	50-99	100+
70120122	BZ-2R	SPDT, Standard	Solder	0.92	15	9-13	0.015	0.0004-0.0020	0.63	8.38	7.92	7.52	7.14	6.27
70119112	BZ-2R-A2	SPDT, Standard	Screw	0.92	15	9-13	0.015	0.0004-0.0020	0.63	7.78	7.37	6.96	6.60	—
70119107	BA-2R-A2	SPDT, Standard	Screw	0.75	20	14-22	0.050	0.0020-0.0075	0.64	11.92	11.19	10.57	10.14	—
70120119	BA-2R-A4	SPDT, Standard, 8-32 terminal screws	Screw	0.75	20	14-22	0.050	0.0020-0.0075	0.64	11.56	10.78	9.92	9.20	—
70119132	BZ-R88-A2	SPDT, Low differential travel	Screw	0.92	10	9	0.012	0.0007	0.63	11.73	10.66	10.07	9.81	—
70118668	BA-2RB-A4	SPDT, Standard, stainless steel plunger	Screw	0.75	20	14-22	0.050	0.0020-0.0075	1.03	14.57	13.77	13.34	12.67	—
70118667	BZ-RX	SPDT, Silver Contacts, plastic reset plunger	Solder	0.92	15	9	0.012	—	0.63	16.52	15.79	15.11	14.32	—
70119422	BZ-2R725551-A2*	SPDT, Gold Contacts	Screw	0.92	1	8-15	0.075	0.0004-0.0025	0.63	14.17	13.55	12.98	12.45	—
70119423	BZ-2R244-A2	SPDT, Silver Contacts	Screw	0.92	5	7-9	0.015	0.0004-0.0020	0.63	11.00	10.53	10.09	9.66	—
70120132	DT-2R-A7	DPDT, Standard, flexible insulator between poles	Screw	0.92	10	12-20	0.075	0.0400-0.0600	0.62	55.51	51.18	47.52	44.35	40.94

*Dustproof and splash resistant seal.

Overtravel Plunger Switches

Stock No.	Mfr.'s Type	Description	Terminal Type	Plunger Loc. Dim. (in.)	Current Rating (A)	O.F. (Oz.)	P.T. (Inches)	D.T. (Inches)	O.P. (Inches)	EACH				
										1-9	10-24	25-49	50-99	100+
70119110	BA-2RB-A2	SPDT, Large stainless steel plunger	Screw	0.75	15	14-22	0.050	0.0020-0.0075	1.03	10.98	10.14	9.69	9.14	8.54
70119113	BZ-2RD-A2	SPDT, Large hardened steel plunger	Screw	0.92	15	9-13	0.015	0.0004-0.0020	0.84	10.63	9.89	9.56	9.24	8.68
70120124	BZ-2RDS-A2-S*	SPDT, Large seal boot plunger	Screw	0.92	15	13-19	0.070	0.0004-0.0025	1.11	23.66	22.44	21.34	20.34	19.42
70118563	BZ-2RDS5551-A2*	SPDT, Overtravel plunger	Screw	0.92	15	13-19	0.070	0.0004-0.0020	0.84	21.65	20.57	20.07	19.58	18.69
70119394	BZ-2RDT	SPDT, Overtravel hardened steel plunger	Screw	0.92	15	9-13	0.015	0.0004-0.0020	0.84	13.17	12.48	12.21	11.86	11.30
70120126	BZ-2RN-A2	SPDT, Threaded hardened steel plunger	Screw	0.92	15	9-13	0.015	0.0004-0.0020	1.72	19.83	18.91	18.02	17.23	16.51
70119123	BZ-2RS-A2	SPDT, Small hardened steel plunger	Screw	0.92	15	9-13	0.015	0.0004-0.0025	1.11	12.22	11.47	10.78	10.18	9.65
70119137	BZ-2RQ785	SPDT, 0.5 in. stainless steel roller at 90°	Screw	0.92	15	9-13	0.015	0.0004-0.0020	1.95	32.94	31.32	29.89	28.58	26.71
70119424	BZ-2RD72-A2	SPDT, Small hardened steel plunger, Gold Contacts	Screw	0.92	1	9-13	0.015	0.0004-0.0020	0.84	12.67	12.11	11.75	11.59	11.13

*Dustproof and splash resistant seal.

Bushing Mount Overtravel Plunger Switches

Stock No.	Mfr.'s Type	Description	Terminal Type	Plunger Loc. Dim. (in.)	Current Rating (A)	O.F. (Oz.)	P.T. (Inches)	D.T. (Inches)	O.P. (Inches)	EACH				
										1-9	10-24	25-49	50-99	100+
70119122	BZ-2RQ-A2	SPDT, overtravel plunger	Screw	0.92	15	9-13	0.015	0.0004-0.0020	1.50	23.87	22.03	20.13	18.93	17.54
70120127	BZ-2RQ1	SPDT, Bushing mount, hardened steel plunger	Solder	0.92	15	9-13	0.015	0.0004-0.0020	0.86	18.50	17.11	16.19	15.36	14.61
70119118	BZ-2RQ1-A2	SPDT, Bushing mount, hardened steel plunger	Screw	0.92	15	9-13	0.015	0.0004-0.0020	0.86	11.54	10.59	9.86	9.22	8.66
70119133	BZ-2RQ1T	SPDT, Bushing mount, hardened steel plunger	Screw	0.92	15	9-13	0.015	0.0004-0.0020	0.86	15.54	14.73	14.00	13.36	12.75
70118815	BZ-2RQ172-A2	SPDT, Bushing mt., hardened steel plunger, gold contacts	Screw	0.92	1	9-13	0.015	0.0004-0.0020	0.86	20.96	20.05	19.23	18.49	—
70119116	BZ-2RQ181-A2	SPDT, 0.5 in. 90° stainless steel roller plunger	Screw	0.92	15	9-13	0.015	0.0004-0.0020	1.31	24.22	23.11	22.06	21.13	20.28
70119117	BZ-2RQ18-A2	SPDT, steel roller plunger	Screw	0.92	15	9-13	0.015	0.0004-0.0020	1.31	24.40	23.20	22.12	20.75	19.08
70120131	BZ-3RQ1-A2	SPDT, Bushing mount, hardened steel plunger	Screw	0.92	15	14-20	0.020	0.0008-0.0030	0.86	19.14	17.47	16.61	15.83	15.12
70119421	BZ-RQ1X	SPDT, overtravel plunger, plastic reset plunger	Screw	0.92	15	9-13	0.015	0.0004-0.0020	0.86	34.76	33.24	32.52	31.81	30.52

Lever Switches

Stock No.	Mfr.'s Type	Description	Terminal Type	Current Rating (A)	O.F. (Oz.)	P.T. (Inches)	D.T. (Inches)	O.P. (Inches)	EACH				
									1-9	10-24	25-49	50-99	100+
70120128	BZ-2RW80	SPDT, 2.50 in. Lever	Solder	15	2.50	—	0.007-0.050	0.750	11.15	10.53	10.00	9.52	9.08
70119124	BZ-2RW80-A2	SPDT, 2.50 in. Lever	Screw	15	2.50	—	0.007-0.050	0.750	8.59	8.21	7.74	7.17	6.49
70120121	BA-2RV-A2	SPDT, 2.50 in. Lever	Screw	20	2.50	0.625	0.109	0.750	11.31	10.20	8.99	8.47	—
70118499	BZ-2RW805551-A2	SPDT, 2.50 in. Lever, Splash resist. seal	Screw	15	2.50	—	0.007-0.050	0.750	18.43	17.28	16.26	15.36	14.54
70118507	BZ-2RW899-A2	SPDT, 2.50 in. Lever, Adjustable O.P.	Screw	15	2.50	—	0.007-0.050	0.670-0.880	13.76	12.93	12.39	11.68	10.92
70119131	BZ-2RW863-A2	SPDT, 6.00 in. Lever	Screw	15	1.00	—	0.018-0.145	0.750	9.68	9.16	8.82	8.42	8.09
70119125	BZ-2RW822	SPDT, 1.05 in. Roller lever	Solder	15	6.00	—	0.003-0.020	1.190	13.82	12.56	11.54	10.89	10.16
70119126	BZ-2RW822-A2	SPDT, 1.05 in. Roller lever	Screw	15	6.00	—	0.003-0.020	1.190	12.65	11.61	11.05	10.55	10.03
70119134	BZ-2RW82255-A2-S	SPDT, 1.05 in. Roller lever, Splash resist. seal	Screw	15	6.00	—	0.003-0.020	1.190	21.39	20.37	19.42	18.55	17.78
70119127	BZ-2RW822-P4	SPDT, 1.05 in. Roller lever, Side facing screws	Screw	15	6.00	—	0.003-0.020	0.750	14.42	13.83	13.27	12.74	12.39
70119129	BZ-2RW82-A2	SPDT, 1.90 in. Roller lever	Screw	15	3.50	—	0.004-0.040	1.190	11.18	10.66	10.26	9.78	9.12
70119111	BA-2RV22-A2	SPDT, 1.05 in. Roller lever	Screw	20	6.00	—	0.045	1.170	15.73	14.69	13.76	12.94	—
70120120	BA-2RV2-A2	SPDT, 1.90 in. Roller lever	Screw	20	3.50	0.250	0.850	1.190	16.42	15.03	14.32	13.33	—
70119128	BZ-2RW826-A2	SPDT, 1.26 in. One-way roller lever	Screw	15	6.00	0.468	0.003-0.020	1.625	23.12	21.65	20.37	19.21	18.20
70119130	BZ-2RW84-A2	SPDT, 2.50 in. Lever, Lower force	Screw	15	1.00	0.328	0.007-0.050	0.750	11.12	10.38	9.62	8.98	8.54
70119136	BZ-RW80X	SPDT, 2.50 in. Lever, Manual reset	Solder	15	2.25	0.328	—	0.750	15.52	14.71	14.03	13.21	—
70118834	BZ-2RM22-A2	SPDT, 0.37 in. Roller Plunger	Screw	15	19.00	0.078	0.001-0.011	1.156	15.16	14.42	13.75	13.14	—
70119395	BZ-2RW82299-A2	SPDT, 1.05 in. Roller Lever	Screw	15	6.00	0.094	0.003-0.020	1.172	17.94	16.91	16.00	15.18	14.04
70120129	BZ-2RW822T	SPDT, 1.05 in. Roller lever, Sems lockwashers	Screw	15	6.00	0.078	0.004-0.040	1.190	15.87	14.96	14.16	13.43	12.77
70120266	BZ-2RW825-A2	SPDT, 0.19 in. Roller Lever	Screw	15	8.00	0.110	0.015 Max.	1.140	24.52	23.12	21.88	20.77	19.74
70120267	BZ-2RW8435-A2	SPDT, 2.50 in. Lever	Screw	10	0.50	0.328	0.007-0.050	0.750	12.80	12.15	11.60	11.07	10.57
70120268	BZ-2RW84	SPDT, 2.50 in. Lever	Screw	15	1.00	0.328	0.007-0.050	0.750	15.17	14.35	13.61	12.95	12.25
70118725	BZ-2RW8255-A2-S	SPDT, 1.90 in. Lever, Splash resist. seal	Screw	15	2.00	—	0.020-0.100	0.750	21.10	19.84	18.81	17.89	17.06
70118506	BZ-2AW842444T	SPDT, 0.19 in. Roller Lever	Screw	15	3.50	0.328	0.004-0.040	1.190	31.50	29.95	28.54	26.88	—
70120135	DT-2RV3-A7	DPDT, 2.50 in. Lever, Reversed	Screw	10	4-7.00	0.270	0.115-0.190	0.720	72.97	67.16	62.00	57.57	53.73
70120134	DT-2RV22-A7	DPDT, 1.03 in. Lever	Screw	10	9-14.00	—	0.195-0.305	1.190	70.95	67.25	63.88	60.87	58.12
70120133	DT-2RV212-A7	DPDT, 1.19 in. Roller Lever, Reversed	Screw	10	9-15.00	0.130	0.050-0.085	1.160	79.67	73.32	67.68	62.84	58.66

Flexible Leaf Switches

Stock No.	Mfr.'s Type	Description	Terminal Type	Current Rating (A)	O.F. (Oz.)	P.T. (Inches)	D.T. (Inches)	O.P. (Inches)	EACH				
									1-9	10-24	25-49	50-99	100+
70119114	BZ-2RL2-A2	SPDT, Roller Leaf	Screw	20	5.00	—	0.050	1.130	14.15	13.40	12.71	12.10	—
70119115	BZ-2RL-A2	SPDT, Leaf	Screw	15	5.00	—	0.050	0.690	12.93	12.20	11.54	10.94	—