

Basic Switches

Standard

BZ/BA Series

Characteristics: O.F. — Operating Force; R.F. — Release Force; P.T. — Pretravel; O.T. — Overtravel; D.T. — Differential Travel; O.P. — Operating Position.

ORDER GUIDE by ascending electrical capability

PIN PLUNGER

BZ/BA TYPE



Dim. Dwg. Fig. 1

SEALED TYPE



Dim. Dwg. Fig. 2

BA/BE TYPE



Dim. Dwg. Fig. 3



Dim. Dwg. Fig. 4

Catalog Listing	Recommended For	Electrical Data And UL Codes Page 46	O.F. newtons ounces	R.F. min. newtons ounces	P.T. max. mm inches	O.T. min. mm inches	D.T. mm inches	O.P.** mm inches
BZ-2R72-A2	Applications requiring gold alloy contacts	1 Amp P	2,5-3,61 9-13	1,11 4	0,38 .015	0,13 .005	0,01-0,05 .0004-.0020	15,88 .625
BZ-2R725551-A2	Gold alloy contacts Dustproof and splash resistant seal	1 Amp P	2,22-4,17 8-15	1,11 4	— —	0,13 .005	0,01-0,06 .0004-.0025	15,88 .625
BZ-2R244-A2	Operating in temp. to +400°F (204°C) for 100 hours	5 Amps B	2,5-3,61 9-13	1,11 4	0,38 .015	0,13 .005	0,01-0,05 .0004-.0020	15,88 .625
BZ-R21-A2	Lower force	10 Amps C	1,11 4	0,7 2.5	0,30 .012	0,13 .005	0,005-0,013 .0002-.0005	15,88 .625
BZ-2R-A2	Most applications SPDT	15 Amps A	2,5-3,61 9-13	1,11 4	0,38 .015	0,13 .005	0,01-0,05 .0004-.0020	15,88 .625
WZ-2R-A2	SPST (normally closed)	15 Amps A	2,5-3,61 9-13	1,11 4	0,38 .015	0,13 .005	0,01-0,05 .0004-.0020	15,88 .625
YZ-2R-A2	SPST (normally open)	15 Amps A	2,5-3,61 9-13	1,11 4	0,38 .015	0,13 .005	0,01-0,05 .0004-.0020	15,88 .625
BZ-R-A2	Less differential travel	15 Amps D	1,95-2,5 7-9	1,11 4	0,30 .012	0,13 .005	0,005-0,008 .0002-.0003	15,88 .625
BZ-R19-A2	Best repeatability	15 Amps D	1,95-3,34 7-12	1,11 4	0,30 .012	0,13-0,2 .005-.008	0,005-0,02 .0002-.0008	16,26 .640
BZ-2R24-A2	Operating in temp. to +250°F (121°C)	15 Amps A	2,5-3,61 9-13	1,11 4	0,38 .015	0,13 .005	0,01-0,05 .0004-.0020	15,88 .625
BZ-2RT04 (8805/1-004)	MIL-S-8805 application requirements	15 Amps A	2,5-3,61 9-13	1,67 6	0,38 .015	0,13 .005	0,01-0,05 .0004-.0020	15,88 .625
BZ-2R05-A2	Best stability under varying humidity	15 Amps A	2,5-3,61 9-13	1,11 4	0,38 .015	0,13 .005	0,01-0,05 .0004-.0020	15,88 .625
BZ-2R5551-A2	Dustproof and splash resistant seal	15 Amp A	2,5-4,17 9-15	1,11 4	— —	0,13 .005	0,01-0,06 .0004-.0025	15,88 .625
BZ-2R55-A2-S	Best service for sealed construction. Stainless steel internal snap spring.	15 Amps A	2,5-4,17 9-15	1,11 4	— —	0,13 .005	0,01-0,06 .0004-.0025	15,88 .625
BA-2R-A2	Up to 20 ampere load handling	20 Amps G	3,89-6,12 14-22	2,78 10	1,27 .050	0,25 .010	0,05-0,19 .0020-.0075	16,26 .640
BA-2R24-A2	Operating in temperature to +250°F (121°C)	20 Amps G	3,89-6,12 14-22	2,78 10	1,27 .050	0,25 .010	0,05-0,19 .0020-.0075	16,26 .640
BM-1R-A2	Up to 22 ampere load handling	22 Amps F	1,95-2,78 7-10	1,11 4	0,38 .015	0,13 .005	0,013-0,025 .0005-.0010	15,88 .625
BE-2R-A4	Up to 25 ampere load handling	25 Amps H	3,89-6,12 14-22	2,78 10	1,27 .050	0,25 .010	0,05-0,19 .0020-.0075	16,26 .640

BZ-RX	Manual reset (maintained contact) applications, solder terminals	15 Amps E	1,95-2,5 7-9 0,56-2,78* 2-10	— — — —	0,30 .012 — —	0,13 .005 0,38* .015	— —	15,88 .625
WA-1RX-A4	Manual reset SPST-NC, A4 terminals	20 Amps W	5,56 20 6,95* 25	— — — —	— — — —	0,25 .010 — —	0,20 .008 — —	16,26 .64 27,9* 1.10

* Reset characteristics.

Except where stated ** ±0,38mm ±.015 in.

All catalog listings shown are not necessarily stock items. Stocking depends on sales experience.

Auxiliary actuators see p. 62-63.

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