

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

Standard Basic Switches

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.

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.

OVERTRAVEL PLUNGER

ORDER GUIDE

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-2RD72-A2	Applications requiring gold alloy contacts	1 Amp P	2,5-3,61 9-13	1,11 4	0,38 .015	1,52 .060	0,01-0,05 .0004-.0020	21,21 .835
BZ-2RD-A2	Added overtravel. For manual operation and slow 20° (max) cam rise	15 Amps A	2,5-3,61 9-13	1,11 4	0,38 .015	1,52 .060	0,01-0,05 .0004-.0020	21,21 .835
BZ-2RD24-A2	Operating in temperature to +250°F (121°C)	15 Amps A	2,5-3,61 9-13	1,11 4	0,38 .015	1,52 .060	0,01-0,05 .0004-.0020	21,21 .835
BM-1RD-A2	Up to 22 ampere load handling	22 Amps F	1,95-2,78 7-10	1,11 4	0,38 .015	1,52 .060	0,013-0,025 .0005-.0010	21,21 .835

BZ-2RDS725551-A2	Applications requiring gold alloy contacts plus dustproof and splash resistant seal	1 Amp P	3,61-5,28 13-19	1,11 4	—	1,52 .060	0,01-0,063 .0004-.0025	28,20 1.110
BZ-2RDS5551-A2	Dustproof and splash resistant seal	15 Amps A	3,61-5,28 13-19	1,11 4	—	1,52 .060	0,01-0,063 .0004-.0025	28,20 1.110

BA-2RB-A2	Up to 20 ampere load handling	20 Amps G	3,89-6,12 14-22	2,78 10	1,27 .050	2,39 .094	0,05-0,19 .0020-.0075	26,20 1.03
BE-2RB-A4	Up to 25 ampere load handling	25 Amps H	3,89-6,12 14-22	2,78 10	1,27 .050	2,39 .094	0,05-0,19 .0020-.0075	26,20 1.03

BZ-2RS72-A2	Applications requiring gold alloy contacts	1 Amp P	2,5-3,61 9-13	1,11 4	0,38 .015	1,52 .060	0,01-0,05 .0004-.0020	28,20 1.110
BZ-2RS-A2	Added overtravel. For in-line operation and with JR auxiliary actuators	15 Amps A	2,5-3,61 9-13	1,11 4	0,38 .015	1,52 .060	0,01-0,063 .0004-.0025	28,20 1.110
BZ-2RS24-A2	Operating in temperature to +250°F (121°C)	15 Amps A	2,5-3,61 9-13	1,11 4	0,38 .015	1,52 .060	0,01-0,05 .0004-.0020	28,20 1.110
BZ-2RST04 M8805/1-012)	MIL-S-8805 application requirements	15 Amps A	2,5-3,61 9-13	1,67 6	0,38 .015	1,52 .060	0,01-0,05 .0004-.0020	28,20 1.110
BZ-RSX	Manual reset solder terminals	15 Amps E	1,95-2,64 7-9	— —	0,30 .012	0,64 .025	— —	2,79 1.11
BM-1RS-A2	Up to 22 ampere load handling	22 Amps F	1,95-2,78 7-10	1,11 4	0,38 .015	1,52 .060	0,013-0,025 .0005-.0010	28,20 1.110

BZ-2RS7225551-A2	Applications requiring gold alloy contacts plus dustproof and splash resistant seal	1 Amp P	2,5-4,17 9-15	1,11 4	—	1,52 .060	0,01-0,063 .0004-.0025	28,20 1.110
BZ-2RS5551-A2	Dustproof and splash resistant seal	15 Amps A	2,5-4,17 9-15	1,11 4	—	1,52 .060	0,01-0,063 .0004-.0025	28,20 1.110

*±0,51 mm
±.020 in.



Dim. Dwg. Fig. 11



Dim. Dwg. Fig. 12



Dim. Dwg. Fig. 13



Dim. Dwg. Fig. 14



Dim. Dwg. Fig. 15

Basic Switches

Standard

BZ/BA Series

OVERTRAVEL PLUNGER



Dim. Dwg. Fig. 16

ORDER GUIDE

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-2RQ-A2	Added overtravel. For manual in-line operation and for slow 30° (max) rise cams	15 Amps A	2,5-3,61 9-13	1,11 4	0,38 .015	5,56 .219	0,01-0,05 .0004-.0020	38,10±0,51 1.500±.020
BZ-2RQ24-A2	Operating in temperature to ±250°F (121°C)	15 Amps A	2,5-3,61 9-13	1,11 4	0,38 .015	5,56 .219	0,01-0,05 .0004-.0020	38,10±0,51 1.500±.020

BZ/BM TYPE



Dim. Dwg. Fig. 17

BA TYPE



Dim. Dwg. Fig. 18

BZ-2RQ172-A2	Applications requiring gold alloy contacts	1 Amp P	2,5-3,61 9-13	1,11 4	0,38 .015	5,56 .219	0,01-0,05 .0004-.0020	21,82 .859
BZ-2RQ1-A2	BZ-2RQ-A2 type applications with panel mount	15 Amps A	2,5-3,61 9-13	1,11 4	0,38 .015	5,56 .219	0,01-0,05 .0004-.0020	21,82 .859
BZ-2RQ1T04 (M8805/1-020)	MIL-S-8805 application requirements	15 Amps A	2,5-3,61 9-13	1,67 6	0,38 .015	5,56 .219	0,01-0,05 .0004-.0020	21,82 .859
BZ-2RQ124-A2	Operating in temperature to ±250°F (121°C)	15 Amps A	2,5-3,61 9-13	1,11 4	0,38 .015	5,56 .219	0,01-0,05 .0004-.0020	21,82 .859
BZ-2RN702	Furnished with unassembled seal boot.	15 Amps X	2,5-3,61 9-13	1,11 4	0,38 0.15	3,18 .125	0,01-0,05 .0004-.0020	48,4±0,50 1.906±.020
BZ-RQ1X	Manual reset. Solder terminals	15 Amps E	1,67-2,64 6-9.5	- -	0,30 0.12	5,56 .219	- -	23,42±1,14 .922±.045 7,14* .281*
BA-2RQ1-A2	Up to 20 ampere load handling	20 Amps G	3,89-6,12 14-22	2,78 10	1,27 .050	5,56 .219	0,05-0,19 .0020-.0075	21,82 .859
BM-1RQ1-A2	Up to 22 ampere load handling	22 Amps F	1,95-2,78 7-10	1,11 4	0,38 .015	5,56 .219	0,013-0,025 .0005-.0010	21,82 .859

Standard Basic Switches

BZ-2RQ1872-A2	Applications requiring gold alloy contacts	1 Amp P	2,5-3,61 9-13	1,11 4	0,38 .015	3,56 .140	0,01-0,05 .0004-.0020	33,32±1,14 1.312±.045
BZ-2RQ18-A2	Added overtravel. Roller plunger for rapid cam (30° max) rise and slide operation. Panel mount	15 Amps A	2,5-3,61 9-13	1,11 4	0,38 .015	3,56 .140	0,01-0,05 .0004-.0020	33,32±1,14 1.312±.045
BZ-2RQ1824-A2	Operating in temperature to ±250°F (121°C)	15 Amps A	2,5-3,61 9-13	1,11 4	0,38 .015	3,56 .140	0,01-0,05 .0004-.0020	33,32±1,14 1.312±.045
BZ-2AQ18T1	Double-break circuitry	15 Amps T	3,89-6,68 14-24	1,11 4	0,51 .020	3,58 .141	0,03-0,10 .001-.004	33,35±1,19 1.313±.047
BM-1RQ18-A2	Up to 22 ampere load handling	22 Amps F	1,95-2,78 7-10	1,11 4	0,38 .015	3,56 .140	0,013-0,025 .0005-.0010	33,32±1,14 1.312±.045

BZ-2RQ181-A2	Applications requiring roller plunger 90° to major axis of switch	15 Amps A	2,5-3,61 9-13	1,11 4	0,38 .015	3,56 .140	0,01-0,05 .0004-.0020	33,32±1,14 1.312±.045
---------------------	---	---------------------	-------------------------	------------------	---------------------	---------------------	---------------------------------	---------------------------------

* Reset characteristics.

Except where stated ** ±0,76 mm ±.030 in.

Dim. Dwg. Fig. 20

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.

STRAIGHT LEVER

ORDER GUIDE

BZ/BM TYPE



Dim. Dwg. Fig. 21

BA TYPE



Dim. Dwg. Fig. 23

ADJUSTABLE



Dim. Dwg. Fig. 22



Dim. Dwg. Fig. 24

Catalog Listing	Recommended For	Electrical Data and UL Codes Page 46	O.F. max. 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-2RW8072-A2	Applications requiring gold alloy contacts	1 Amp P	0,7 2.5	0,14 0.5	—	5,56 .219	0,18-1,27 .007-.050	19,1 .750
BZ-2RW80722555105-A2	Best stability under varying humidity. Gold alloy contacts with seal	1 Amp P	0,7 2.5	0,14 0.5	—	5,56 .219	0,18-1,27 .007-.050	19,1 .750
BZ-2RW8244-A2	Operating in temp. to +400°F (204°C) for 100 hours	5 Amps B	0,7 2.5	0,14 0.5	—	5,56 .219	0,18-1,27 .007-.050	19,1 .750
BZ-RW8435-A2	Lowest operating force (without external return spring)	10 Amps I	0,07 .25	—	6,76 .266	5,56 .219	0,08-0,38 .003-.015	19,1 .750
BZ-2RW876T	1.25 inch lever requirements	15 Amps A	1,67 6	0,42 1.5	—	0,42 .141	0,10-0,63 .004-.025	19,1 .750
BZ-2RW80-A2	2.5 inch lever requirements	15 Amps A	0,7 2.5	0,14 0.5	—	5,56 .219	0,18-1,27 .007-.050	19,1 .750
BZ-2RW84-A2	Lower force (without external return spring)	15 Amps A	0,28 1	0,03 0.125	8,33 .328	5,56 .219	0,18-1,27 .007-.050	19,1 .750
BZ-2RW805551-A2	Dustproof and splash resistant seal	15 Amps A	0,7 2.5	0,14 0.5	—	5,56 .219	0,18-1,27 .007-.050	19,1 .750
BZ-2RWT04 (M8805/1-044)	ML-S-8805 application requirements	15 Amps A	0,28-0,90 1-3.25	0,21 0.75	7,52 .296	4,37 .172	2,36 .093	19,1 .750
BZ-2RW824-A2	Operating in temperature to +250°F (121°C)	15 Amps A	0,7 2.5	0,14 0.5	—	5,56 .219	0,18-1,27 .007-.050	19,1 .750
BZ-RW80X	Manual reset solder terminals	15 Amps E	0,63 2.25	—	—	5,56 .219	— —	19,05 .750
						0,38* .015	- -	7,14* .281
BZ-2RW863-A2	6 inch lever requirements	15 Amps A	0,28 1	—	—	12,7 .500	0,46-3,68 .018-.145	19,1±1,52 .750±.060
BA-2RV-A2	Up to 20 ampere load handling	20 Amps G	0,7 2.5	0,14 0.5	15,88 .625	1,98 .078	2,77 .109	19,1 .750
BM-1RW84-A2	Up to 22 ampere load handling	22 Amps F	0,28 1	0,03 0.125	7,54 .297	5,56 .219	0,13-0,84 .005-.033	19,1 .750
BE-2RV-A4	Up to 25 ampere load handling	25 Amps H	0,7 2.5	0,14 0.5	15,88 .625	1,98 .078	2,77 .109 max.	19,1 .750

* Reset characteristics.

BZ-2RW899-A2	Adjustable operating point (17 mm to 22 mm) .670" to .880"	15 Amps A	0,7 2.5	0,14 0.5	—	3,54† .125	0,18-1,27 .007-.050	17,02-22,35 .670-.880
---------------------	--	---------------------	------------	-------------	---	---------------	------------------------	--------------------------

BZ-2RM-A2	Reverse acting actuator (switch plunger depressed in free position)	15 Amps A	1,67 6	0,28 1	5,56 .219	5,56 .219	0,10-0,89 .004-.035	19,1 .750
------------------	---	---------------------	-----------	-----------	--------------	--------------	------------------------	--------------

† From $\frac{17}{670}$ mm O.P.

Except where stated ** ±0.76 mm ±.030 in.

SIMULATED ROLLER



Dim. Dwg. Fig. 27

ORDER GUIDE

Catalog Listing	Recommended For	Electrical Data And UL Code Page 46	O.F. max. 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-2RW80147-A2	1.05 inch (26,7 mm) (simulated roller) lever applications	15 Amps A	1,67 6	0,42 1.5	—	2,39 .094	0,08-0,51 .003-.020	30,17 1.188
BZ-2RW80196-A2	1.90 inch (48,3 mm) (simulated roller) lever applications	15 Amps A	0,97 3.5	0,21 0.75	—	3,96 .156	0,10-1,0 .004-.040	30,17±0,76 1.188±.030

ROLLER LEVER

BZ/BM TYPE



Dim. Dwg. Fig. 25



Dim. Dwg. Fig. 28

BA/BE TYPE



Dim. Dwg. Fig. 26

BZ-2RW82272-A2	Applications requiring gold alloy contacts	1 Amp P	1,67 6	0,42 1.5	—	2,39 .094	0,08-0,51 .003-.020	30,17 1.188
BZ-2RW822725551-A2	Applications requiring gold alloy contacts plus dustproof and splash resistant seal	1 Amp P	1,67 6	0,42 1.5	—	2,39 .094	0,08-0,51 .003-.020	30,17 1.188
BZ-2RW822-A2	1.05 inch (26,7 mm) (steel roller) lever applications	15 Amps A	1,67 6	0,42 1.5	—	2,39 .094	0,08-0,51 .003-.020	30,17 1.188
BZ-2RW8222-A2	Roller turned 90°	15 Amps A	0,7-1,81 2.5-6.5	0,35 1.25	—	3,58 .141 max.	0,08-0,51 .003-.020	30,75 1.25
BZ-2RW82224-A2	Operating in temperature to +250°F (121°C)	15 Amps A	1,67 6	0,42 1.5	—	2,39 .094	0,08-0,51 .003-.020	30,17 1.188
BZ-2RW8225551-A2	Dustproof and splash resistant seal	15 Amps A	1,67 6	0,42 1.5	—	2,39 .094	0,08-0,51 .003-.020	30,17 1.188
BZ-2RW82255-A2-S	Best service for sealed construction. Stainless steel internal snap spring.	15 Amps A	1,67 6	0,42 1.5	—	2,39 .094	0,08-0,51 .003-.020	30,17 1.188
BA-2RV22-A2	Up to 20 ampere load handling	20 Amps G	1,67 6	0,42 1.5	6,35 .250	0,76 .030	1,14 .045 max.	29,77 1.172
BM-1RW822-A2	Up to 22 ampere load handling	22 Amps F	1,67 6	0,42 1.5	—	2,39 .094	0,025-0,33 .001-.013	30,17 1.188
BE-2RV22-A4	Up to 25 ampere load handling	25 Amps H	1,67 6	0,42 1.5	6,35 .250	0,76 .030	1,14 .045 max.	29,77 1.172

BZ-2RW82299-A2	Adjustable operating point. Roller lever 1.05 inch (26,7 mm)	15 Amps A	1,67 6	0,42 1.5	—	1,02 .040	0,08-0,51 .003-.020	29,77-30,56 1.172-1.203
BZ-2RW8299-A2	Adjustable operating point. Roller lever 1.90 inch (48,3 mm)	15 Amps A	0,97 3.5	0,21 0.75	—	2,16 .085	0,10-1,0 .004-.040	29,2-31,5 1.150-1.24

Standard
Basic Switches

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

Characteristics:

O.F. — Operating Force; R.F. — Release Force; P.T. — Pretravel;

O.T. — Overtravel; D.T. — Differential Travel;

O.P. — Operating Position.

ROLLER LEVER

ORDER GUIDE

BZ/BM TYPE



Dim. Dwg. Fig. 29

BA/BE TYPE



Dim. Dwg. Fig. 30



Dim. Dwg. Fig. 31



Dim. Dwg. Fig. 32

Catalog Listing	Recommended For	Electrical Data And UL Code Page 46	O.F. max. 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-2RW82725551-A2	Applications requiring gold alloy contacts, plus dustproof, and splash resistant seal	1 Amp P	0,97 3.5	0,21 0.75	—	3,96 .156	0,10-1,0 .004-.040	30,17±0,76 1.188±.030
BZ-2RW82-A2	1.90 inch (48,3 mm) (steel roller) lever applications	15 Amps A	0,97 3.5	0,21 0.75	—	3,96 .156	0,10-1,0 .004-.040	30,17±0,76 1.188±.030
BZ-2RW825551-A2	Dustproof and splash resistant seal	15 Amps A	0,97 3.5	0,21 0.75	—	3,96 .156	0,10-1,0 .004-.040	30,17±0,76 1.188±.030
BZ-2RW8224-A2	Operating in temperature to +250°F (121°C)	15 Amps A	0,97 3.5	0,21 0.75	—	3,96 .156	0,10-1,0 .004-.040	30,17±0,76 1.188±.030
BA-2RV2-A2	Up to 20 ampere load handling	20 Amps G	0,97 3.5	0,14 0.5	11,89 .468	1,52 .060	2,16 .085	30,17±0,76 1.188±.030
BM-1RW82-A2	Up to 22 ampere load handling	22 Amps F	0,97 3.5	0,21 0.75	—	3,96 .156	0,08-0,56 .003-.022	30,17±0,76 1.188±.030
BE-2RV2-A4	Up to 25 ampere load handling	25 Amps H	0,97 3.5	0,14 0.5	11,89 .468	1,52 .060	2,16 .085 max.	30,17±0,76 1.188±.030

NOTE: For adjustable operate point and simulated roller lever switches, refer to previous page.

BZ-RW922-A2	Best repeatability and O.P. stability	10 Amps I	3,34 12	1,11 4	0,38 .015	2,54 .100	0,013-0,025 .0005-.0010	31,37 1.235
--------------------	---------------------------------------	---------------------	-------------------	------------------	---------------------	---------------------	-----------------------------------	-----------------------

BZ-2RW826-A2	One-way roller (9,4 mm × 3,8 mm) .37" dia. × .15" wide roller	15 Amps A	1,67 6	0,42 1.5	—	2,39 .094	0,08-0,51 .003-.020	41,34 1.625
BZ-2RW825-A2	One-way roller (4,83 mm × 4,83 mm) .19" dia. × .19" wide roller	15 Amps A	2,22 8	0,42 1.5	—	1,52 .060	0,38 .015	28,96 1.14

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

Basic Switches

Standard

BZ/BA Series

FLEXIBLE LEAF

ORDER GUIDE

Catalog Listing	Recommended For	Electrical Data and UL Codes Page 46	O.F. max. newtons ounces	R.F. min. newtons ounces	P.T. max. mm inches	O.T. min. mm inches	D.T. max. mm inches	O.P.** mm inches
BZ-2RL-A2	Force and stability of the flexible leaf actuator	15 Amps A	1,39 5	0,14 0.5	-	1,52 .060	1,27 .050	17,48 .688
BZ-2RL5551-A2	Dustproof and splash resistant seal	15 Amps A	1,95 7	0,14 0.5	-	1,52 .060	1,27 .050	17,48 .688
BZ-2RLT04 (M8805/1-001)	MIL-S-8805 application requirements	15 Amps A	1,39 5	0,14 0.5	-	1,52 .060	1,27 .050	17,48 .688
BZ-2RL24-A2	Operating in temperature to +250°F (121°C)	15 Amps A	1,39 5	0,14 0.5	-	1,52 .060	1,27 .050	17,48 .688
BZ-RLX	Manual reset. Solder terminals	15 Amps E	0,83 3	- -	- -	1,57 .062 0,38* .015	- -	17,48 .688 7,14* .281
BA-2RL-A2	Up to 20 ampere load handling	20 Amps G	2,5 9	0,28 1	-	1,57 .062	1,57 .062	17,48 .688
BE-2RL-A4	Up to 25 ampere load handling	25 Amps H	2,5 9	0,28 1	-	1,57 .062	1,57 .062	17,48 .688

BZ TYPE



Dim. Dwg. Fig. 33

BA/BE TYPE



Dim. Dwg. Fig. 34

FLEXIBLE ROLLER LEAF

ORDER GUIDE

Catalog Listing	Recommended For	Electrical Data and UL Codes Page 46	O.F. max. newtons ounces	R.F. min. newtons ounces	P.T. max. mm inches	O.T. min. mm inches	D.T. max. mm inches	O.P.* mm inches
BZ-RL24-A2	Operating in temp. to +250°F (121°C) for 100 hours	5 Amps B	1,39 5	0,14 0.5	-	1,52 .060	1,27 .050	28,6 1.125
BZ-2RL2-A2	Force and stability of the flexible leaf with roller	15 Amps A	1,39 5	0,14 0.5	-	1,52 .060	1,27 .050	28,6 1.125
BZ-2RL25551-A2	Dustproof and splash resistant seal	15 Amps A	1,95 7	0,14 0.5	-	1,52 .060	1,27 .050	28,6 1.125
BZ-2RL2T04 (M8805/1-036)	MIL-S-8805 application requirements	15 Amps A	1,04-1,39 3.75-5	0,14 0.5	-	1,52 .060	1,27 .050	28,6 1.125
BA-2RL2-A2	Up to 20 ampere load handling	20 Amps G	2,5 9	0,28 1	-	1,52 .060	1,65 .065	28,6 1.125
BE-2RL2-A4	Up to 25 ampere load handling	25 Amps H	2,5 9	0,28 1	-	1,52 .060	1,65 .065	28,6 1.125

BZ TYPE



Dim. Dwg. Fig. 35

BA/BE TYPE



Dim. Dwg. Fig. 36

* Reset characteristics

** ±0.76 mm
±.030 in.

Standard Basic Switches