

MICRO SWITCH™ Premium Large Basic Switches

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	O.F. N [oz]	R.F. min. N [oz]	P.T. max. mm [in]	O.T. min. mm [in]	D.T. mm [in]	O.P.** mm [in]
	BZ-2RQ-A2	Added overtravel. For manual in-line operation and for slow 30° (max) rise cams	15 A A	2,5 to 3,61 [9 to 13]	1,11 [4]	0,38 [0.015]	5,56 [0.219]	0,01 to 0,05 [0.0004 to 0.0020]	38,10 ±0,51 [1.50 ±0.02]
	BZ-2RQ24-A2	Operating in temperature to 121 °C [250 °F]	15 A A	2,5 to 3,61 [9 to 13]	1,11 [4]	0,38 [0.015]	5,56 [0.219]	0,01 to 0,05 [0.0004 to 0.0020]	38,10 ±0,51 [1.50 ±0.02]
	BZ-2RQ172-A2	Applications requiring gold alloy contacts	1 A P	2,5 to 3,61 [9 to 13]	1,11 [4]	0,38 [0.015]	5,56 [0.219]	0,01 to 0,05 [0.0004 to 0.0020]	21,82 [0.859]
	BZ-2RQ1-A2	BZ-2RQ-A2 type applications with panel mount	15 A A	2,5 to 3,61 [9 to 13]	1,11 [4]	0,38 [0.015]	5,56 [0.219]	0,01 to 0,05 [0.0004 to 0.0020]	21,82 [0.859]
	BZ-2RQ1T04 (M8805/1-020)	MIL-PRF-8805 application requirements	15 A A	2,5 to 3,61 [9 to 13]	1,67 [6]	0,38 [0.015]	5,56 [0.219]	0,01 to 0,05 [0.0004 to 0.0020]	21,82 [0.859]
	BZ-2RQ124-A2	Operating in temperature to 121 °C [250 °F]	15 A A	2,5 to 3,61 [9 to 13]	1,11 [4]	0,38 [0.015]	5,56 [0.219]	0,01 to 0,05 [0.0004 to 0.0020]	21,82 [0.859]
	BZ-2RN702	Furnished with unassembled seal boot.	15 A X	2,5 to 3,61 [9 to 13]	1,11 [4]	0,38 [0.015]	3,18 [0.125]	0,01 to 0,05 [0.0004 to 0.0020]	48,4 ±0,50 [1.906 ±0.02]
	BZ-RQ1X	Manual reset. Solder terminals	15 A E	1,67 to 2,64 [6 to 9.5]	—	0,30 [0.012]	5,56 [0.219]	—	23,42 ±1,14 [0.922 ±0.045] 7,14* [0.281*]
	BA-2RQ1-A2	Up to 20 ampere load	20 A G	3,89 to 6,12 [14 to 22]	2,78 [10]	1,27 [0.050]	5,56 [0.219]	0,05 to 0,19 [0.0020 to 0.0075]	21,82 [0.859]
	BM-1RQ1-A2	Up to 22 ampere load	22 A F	1,95 to 2,78 [7 to 10]	1,11 [4]	0,38 [0.015]	5,56 [0.219]	0,013 to 0,025 [0.0005 to 0.0010]	21,82 [0.859]
	BZ-2RQ1872-A2	Applications requiring gold alloy contacts	1 A P	2,5 to 3,61 [9 to 13]	1,11 [4]	0,38 [0.015]	3,56 [0.140]	0,01 to 0,05 [0.0004 to 0.0020]	33,32 ±1,14 [1.31 ±0.045]
	BZ-2RQ18-A2	Added overtravel. Roller plunger for rapid cam (30° max) rise and slide operation. Panel mount	15 A A	2,5 to 3,61 [9 to 13]	1,11 [4]	0,38 [0.015]	3,56 [0.140]	0,01 to 0,05 [0.0004 to 0.0020]	33,32 ±1,14 [1.31 ±0.045]
	BZ-2RQ1824-A2	Operating in temperature to 121 °C [250 °F]	15 A A	2,5 to 3,61 [9 to 13]	1,11 [4]	0,38 [0.015]	3,56 [0.140]	0,01 to 0,05 [0.0004 to 0.0020]	33,32 ±1,14 [1.31 ±0.045]
	BZ-2AQ18T1	Double-break circuitry	15 A T	3,89 to 6,68 [14 to 24]	1,11 [4]	0,69 [0.025]	3,58 [0.141]	0,03 to 0,10 [0.001 to 0.004]	33,35 ±1,19 [1.31 ±0.047]
	BM-1RQ18-A2	Up to 22 ampere load	22 A F	1,95 to 2,78 [7 to 10]	1,11 [4]	0,38 [0.015]	3,56 [0.140]	0,013 to 0,025 [0.0005 to 0.0010]	33,32 ±1,14 [1.31 ±0.045]
	BZ-2RQ181-A2	Applications requiring roller plunger 90° to major axis of switch	15 A A	2,5 to 3,61 [9 to 13]	1,11 [4]	0,38 [0.015]	3,56 [0.140]	0,01 to 0,05 [0.0004 to 0.0020]	33,32 ±1,14 [1.31 ±0.045]

* Reset characteristics

** Except where stated, ±0,76 mm [±0.030 in]