

Basic Switches Standard



GENERAL INFORMATION

MICRO SWITCH standard basic switches are precision snap-action mechanisms enclosed in accurately molded plastic cases. These switches are carefully manufactured and thoroughly inspected. They are industry-known for their compactness, light weight, accurate repeatability and long life.

Mounting holes for Types BZ, BM, BA switches accept pins or screws of .139 inch (3.53 mm) diameter. O.P. is normally measured from the top of the actuator to the mounting holes center-line.

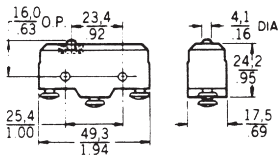
FEATURES

- Sensitive differential travel as low as .0002 to .0003 inches (0,005 to 0,008 mm)
- Power load switching capability to 25 amperes
- Motor handling capacity to 2 horsepower at 250 VAC
- High temperature constructions for up to +400°F (204°C)
- Variety of integral actuators
- Variety of auxiliary actuators
- Variety of terminal designs
- Optional sealed plunger and cover
- Over 50 listings available which meet MIL-S-8805 Qualified products list
- UL recognized CSA certified

2 SWITCHES & KNOBS

TYPICAL DIMENSIONS (For reference only)

BZ Type

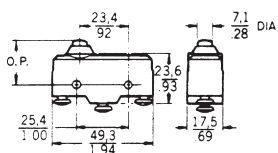


PIN PLUNGER ORDER GUIDE

| Catalog Listing | Recommended For | Electrical Data and UL Codes | O.F. newtons ounces | O.T. min. mm inches | D.T. mm inches | O.P.* mm inches |
|---------------------|---|------------------------------|---------------------------|---------------------|-----------------------------------|----------------------|
| BZ-2R-A2 | Most applications. Screw terminals | 15 Amps L96 | 2,5-3,61 9-13 | 0,13 .005 | 0,01-0,05 .0004-.0020 | 15,88 .625 |
| BZ-2R | Same as above, Solder terminals | 15 Amps L96 | 2,5-3,61 9-13 | 0,13 .005 | 0,01-0,05 .0004-.0020 | 15,88 .625 |
| BZ-R-A2 | Less differential travel | 15 Amps L103 | 1,95-2,5 7-9 | 0,13 .005 | 0,005-0,008 .0002-.0003 | 15,88 .625 |
| BZ-2R5551-A2 | Dustproof and splash resistant seal | 15 Amps L96 | 2,5-4,17 9-15 | 0,13 .005 | 0,01-0,06 .0004-.0025 | 15,88 .625 |
| BZ-2R55-A2-S | Best service for sealed construction. Stainless steel spring. | 15 Amps L96 | 2,5-4,17 9-15 | 0,13 .005 | 0,01-0,06 .0004-.0025 | 15,88 .625 |
| BA-2R | Up to 20 ampere load handling. Solder terminals | 20 Amps L23 | 3,89-6,12 14-22 | 0,25 .010 | 0,05-0,19 .0020-.0075 | 16,26 .640 |
| BA-2R-A2 | Up to 20 ampere load handling | 20 Amps L23 | 3,89-6,12 14-22 | 0,25 .010 | 0,05-0,19 .0020-.0075 | 16,26 .640 |
| BE-2R-A4 | Up to 25 ampere load handling | 25 Amps — | 3,89-6,12 14-22 | 0,25 .010 | 0,05-0,19 .0020-.0075 | 16,26 .640 |

*±0,38 mm
±.015 in.

BZ-2RD-A2



LARGE OVERTRAVEL PLUNGER ORDER GUIDE

| Catalog Listing | Recommended For | Electrical Data and UL Codes | O.F. newtons ounces | O.T. min. mm inches | D.T. mm inches | O.P.* mm inches |
|-----------------------|---|------------------------------|---------------------------|---------------------|----------------------------------|-----------------------|
| BZ-2RD-A2 | Added overtravel. For manual operation and slow 20° (max.) cam rise | 15 Amps L96 | 2,5-3,61 9-13 | 1,52 .060 | 0,01-0,05 .0004-.0020 | 21,21 .835 |
| BZ-2RDS5551-A2 | Dustproof and splash resistant seal. Lower Cost. | 15 Amps L96 | 3,61-5,28 13-19 | 1,5 .062 | 0,01-0,063 .0004-.0025 | 28,20 1.110 |
| BZ-2RDS-A2-S | Applications requiring dustproof and splash resistant seal. | 15 Amps L96 | 3,61-5,28 13-19 | 1,5 .062 | 0,01-0,063 .0004-.0025 | 28,20 1.110 |
| BA-2RB-A2 | Up to 20 ampere load handling. | 20 Amps L23 | 3,89-6,12 14-22 | 2,39 .094 | 0,05-0,19 .0020-.0075 | 26,20 1.03 |
| BE-2RB-A4 | Up to 25 ampere load handling. | 25 Amps — | 3,89-6,12 14-22 | 2,39 .094 | 0,05-0,19 .0020-.0075 | 26,20 1.03 |

**±0,51 mm
±.020 in.