



Crystal Can Welded • 4PDT Magnetic Latching Dry Circuit to 10 Amps

- PATENTED CONTACT STRUCTURE? for the most reliable 10-amp magnetic latching relay in the industry
- AVAILABLE WITH BIFILAR WOUND COIL? for inductive spike suppression
- SPACE ENVIRONMENT VERSIONS? can be manufactured under extreme high-reliability controls

SPECIFICATIONS

| GENERAL Contact Arrangement | ENVIRONMENTAL Temperature Range65°C to +125°C Vibration (Note 2) |
|---|--|
| PERFORMANCE Contact Rating (Note 1) Resistive | ELECTRICAL CHARACTERISTICS Duty Cycle |

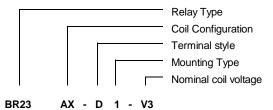
Notes:

- For case grounded loads and other ratings, consult the factory.
- 2. For applications requiring other shock and vibration levels, consult the factory.
- 3. For other ratings consult the factory.
- Relay contacts which have switched high level currents are no longer suitable for switching low level loads.
- Contacts were placed in the position shown by placing voltage with the polarity shown on the indicated coil (reset). To switch contacts, a voltage of indicated polarity must be applied to the other coil (Latch).
- Contacts were placed in position shown by placing voltage with the polarity indicated on the coil. To switch contacts a voltage of the reverse polarity must be applied to the coil.

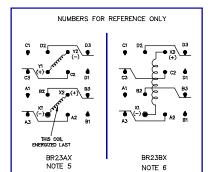


COIL DATA:

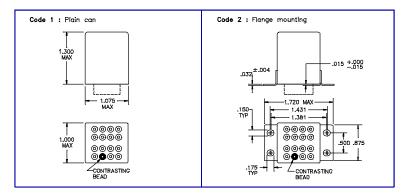
| PART NUMBER MODEL BR23AX — 10 Amps (Each Coil, 500 MW) MODEL BR23BX — 10 Amps (Single Coil, 250 MW) | | BR23AX-()()-V1 BR23BX-()()-V1 | BR23AX-()()-V2 BR23BX-()()-V2 | BR23AX-()()-V3 BR23BX-()()-V3 | BR23AX-()()-V4 BR23BX-()()-V4 | BR23AX-()()-V5 BR23BX-()()-V5 |
|---|--------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| NOMINAL COIL VOLTAGE | | 6 VDC | 12 VDC | 26 VDC | 48 VDC | 115 VDC |
| MAXIMUM COIL VOLTAGE | | 7.3 VDC | 14.8 VDC | 32 VDC | 59 VDC | 127 VDC |
| LATCH/RESET VOLTAGE (MAX at +125°C) | | 4.4 VDC | 8.4 VDC | 18 VDC | 34.5 VDC | 79 VDC |
| LATCH/RESET VOLTAGE (MAX) | | 3 VDC | 6 VDC | 13 VDC | 24 VDC | 57.5 VDC |
| COIL RESISTANCE ± 10% at 25°C | BR23AX | 15 OHMS | 60 OHMS | 300 OHMS | 1100 OHMS | 5,000 OHMS |
| | BR23BX | 37 OHMS | 125 OHMS | 600 OHMS | 2200 OHMS | 10,000 OHMS |



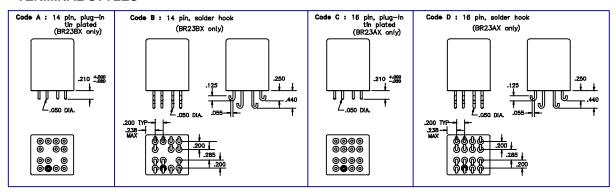
SCHEMATIC TERMINAL VIEW



MOUNTING CODE



TERMINAL STYLES



GENERAL NOTES

- Unless otherwise specified, all tests made at nominal coil voltages, @ 25°C.
- For special coil variations, switching configurations, terminals styles and mounting types, consult the factory.
- Unless otherwise specified, tolerances on decimal dimensions are ± .010".
- Specifications contained herein are subject to change without notice.