



GENERAL

Contact Resistance:

PERFORMANCE

ENVIRONMENTAL

Shock (Operating) (Note 2) 50 G's 11 ms

ELECTRICAL CHARACTERISTICS

Duty Cycle	Continuous
Insulation Resistance	

10,000 megohms @ 500V 25°C
1,000 megohms @ 500V 125°C

Pull In Power:

BR8.....	250 mw approx.
BR8H.....	150 mw approx.

Operate/Release Time:

BR8.....	5 ms max
BR8H.....	6 ms max

Excluding bounce time at nominal coil voltage

Contact Bounce Time.....2 ms max @ 2 Amps
6 VDC contact load

Dielectric Strength:

Sea Level:

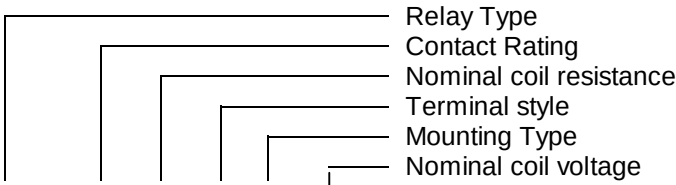
Contact to Case	1,000 VRMS
Contact to Coil	1,000 VRMS
Coil to Case	1,000 VRMS
Across Open Contacts	750 VRMS
70,000 Feet	
All points.....	350 VRMS

Notes:

1. 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.
4. Relay contacts which have switched high level currents are no longer suitable for switching low level loads.

COIL DATA:

PART NUMBER MODEL BR8H — 2 Amps (150 MW) MODEL BR8 — 2 Amps (250 MW)		BR8H-60()()-6V BR8-30()()-6V	BR8H-240()()-12V BR8-120()()-12V	BR8H-1K()()-26V BR8-600()()-26V	BR8H-20K()()-115V BR8-10K()()-115V
NOMINAL COIL VOLTAGE		6 VDC	12 VDC	26 VDC	115 VDC
MAXIMUM COIL VOLTAGE		7.3 VDC	14.8 VDC	32 VDC	127 VDC
PULL IN VOLTAGE (MAX @ +125°C)		4.4 VDC	8.4 VDC	18 VDC	79 VDC
PULL IN VOLTAGE (MAX)		3 VDC	6 VDC	13 VDC	57.5 VDC
DROP OUT VOLTAGE (MIN)		0.3 VDC	0.6 VDC	1.3 VDC	5.7 VDC
COIL RESISTANCE ± 10% @ 25°C	BR8	30 OHMS	120 OHMS	600 OHMS	10K OHMS
	BR8H	60 OHMS	240 OHMS	1K OHMS	20K OHMS



BR8 H - 1K A 1 - 28V

SCHEMATIC

TERMINAL VIEW

TERMINAL STYLES

NUMBERS FOR REFERENCE ONLY

Code A : Plug-in, tin plated

Code B : Solder hook

Code C : Printed Circuit

MOUNTING CODES

Code 1 : Plain can

Code 5 : Flange mounting

Code 9 : Flange mounting

Code 14 : 4 Hole Bracket

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.