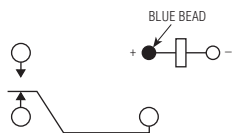


Single Pole, Electrically Held, 10 Amps and Less

C

Single Pole, Half Size High Performance Relay



Terminal View

Product Facts

- Hermetically sealed
- Up to 10 amps switching
- High shock & vibration ratings
- Optional terminals & mounting styles

Electrical Characteristics

Contact Arrangement — 1 Form C (SPDT)

Contact Material — Stationary — Hardened silver alloy
Moveable — Hardened silver alloy

Contact Resistance — Before Life — 50 Milliohms max. (measured at 10 mA @ 6 Vdc)
After Life — 100 Milliohms max. (measured @ 1 A @28 Vdc)

Contact Rating — Contact Load — 10 A 28 Vdc
Type — Resistive
Operations min. 50,000

Mechanical Life Expectancy — 1 million operations min.

Coil Voltage — 6 to 26.5 Vdc

Coil Power — 1.4 watts max. @ 25°C

Duty Cycle — Continuous

Pick-up Voltage — Approximately 50% of nominal coil voltage

Pick-up Sensitivity — 260 mW

Operational Characteristics

Operate Time — 5.0 ms max.

Release Time — 5.0 ms max.

Contact Bounce — 5.0 ms max.

Dielectric Withstanding Voltage

Between Open Contacts —

500 Vrms 60 Hz

Between Adjacent Contacts —

1000 Vrms 60 Hz

Between Contacts and Coils —

1000 Vrms 60 Hz

Insulation Resistance

1,000 megohms min. @ 500 Vdc

Environmental Characteristics

Temperature Range — -65°C to +125°C

Weight — 0.28 oz. (8 grams) max.

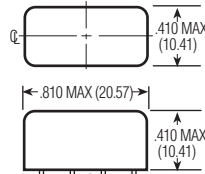
Vibration Resistance

20 G's, 10 to 2,000 Hz

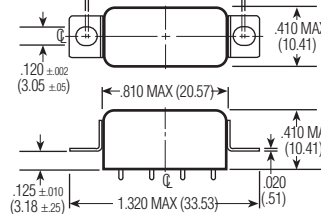
Shock Resistance — 100 G's, 6 ±1 ms

Designed To — MIL-R-39016

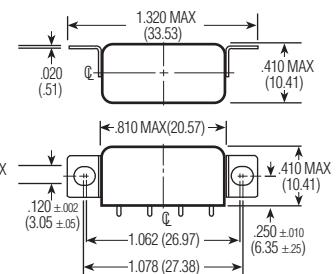
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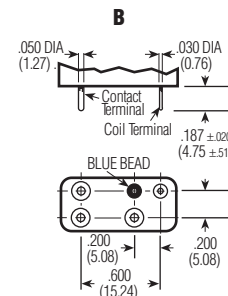
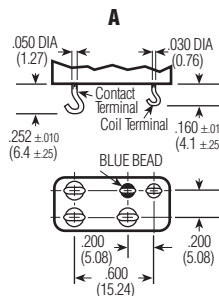
BW



EW



Mounting Styles



Terminals

Standard Coil Data

Nom. Coil Voltage (Vdc)	Coil Resistance in Ohms ±10% @ 25°C	Pickup Voltage Vdc (Max.) @ 25°C	Pickup Voltage Vdc (Max.) @ 125°C	Drop-out Voltage Vdc (Min.) @ 25°C	Drop-out Voltage Vdc (Min.) @ -65°C	Nom. Coil Power (W) @ 25°C	Max. Coil Voltage	Coil Desig.
6.0	40	3.5	4.5	0.45	0.3	.9	8.0	6
12.0	160	6.5	9.0	0.9	0.6	.9	15.0	12
26.5	700	14.0	18.0	1.8	1.2	1.0	32.0	24

Specifying a Part Number Example:

Type C **Mountings** BW- **Contacts** 1C- **Coils** 24 **Terminals** B