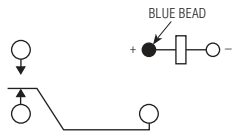


Single Pole, Electrically Held, 10 Amps and Less

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

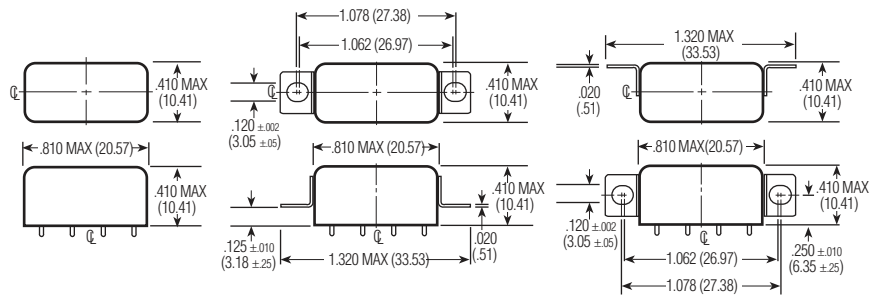
Duty Cycle — Continuous
Pick-up Voltage — Approximately 50% of nominal coil voltage
Pick-up Sensitivity — 260 mW
Operational Characteristics
Operate Time — 5.0 ms max.
Release Time — 5.0 ms max.
Contact Bounce — 5.0 ms max.
Dielectric Withstanding Voltage — Between Open Contacts — 500 Vrms 60 Hz
 Between 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

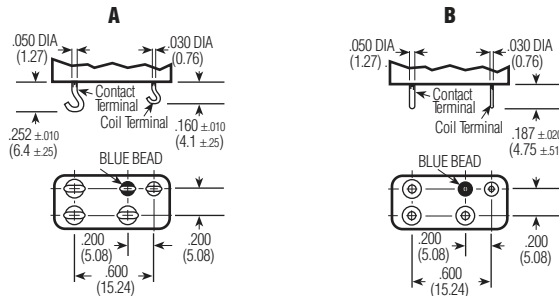
AW

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