

General Purpose Relays

R06 Series

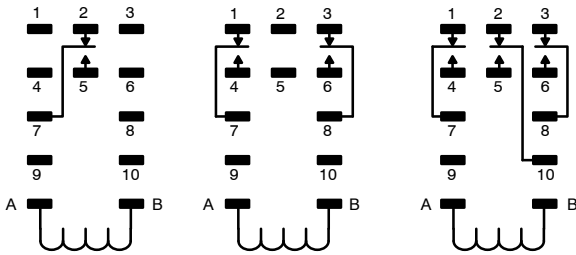


Features

- SPDT, DPDT & 3PDT Models
- Solder Terminals
- High Dielectric Strength
- Multi-Pole Switching



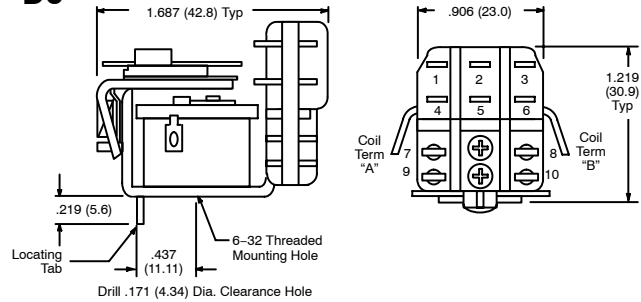
A (SPDT), 1 Form "C" **B (DPDT), 2 Form "C"** **C (3PDT), 3 Form "C"**



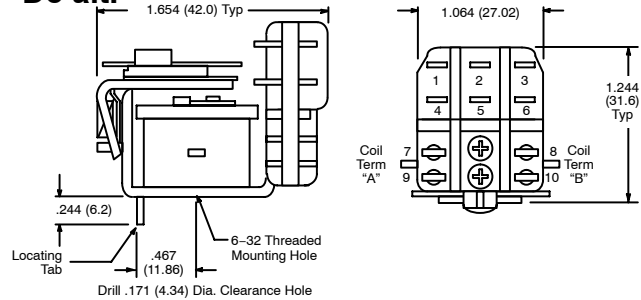
Schematic Diagrams Viewed from Terminal End

General Purpose, 10 Amp Multicontact AC and DC Open Frame Relays.

D6



D6 alt.



Electrical Specifications

Contact

Contact Rating

Poles	120VAC	240VAC	28VDC
SPDT	12A (1/3 HP)	12A (1/2 HP)	10A
DPDT	12A (1/3 HP)	8A (1/2 HP)	10A
3PDT	10A (1/3 HP)	6A (1/2 HP)	10A

Contact Material: 3/16" Silver cadmium oxide

Contact Resistance: 0.050 ohms max initial

Coil

Coil Voltages: See Chart

Pick-up Voltage: 80% of nominal or less, AC or DC

Resistance: See chart

Min Sensitivity: 125mW per value

Duty Cycle: Continuous

Operational Characteristics

Timing Values **Operate Time:** 25 ms or less } at nominal
Release Time: 20 ms or less } coil voltage

Insulation Characteristics

Dielectric Strength

Contact To Coil: 1500 VRMS

Across Open Contacts: 1000 VRMS

Pole to Pole: 1500 VRMS

Contacts To Frame: 1500 VRMS

Insulation Material: Molded polyester

Insulation Resistance: 1 x 10³ megohms

Environmental Characteristics

Operating: -10°C to +50°C (AC), -10°C to +60°C (DC)

Non-operating (storage): -30°C to +105°C

Weight

Std: 2 1/2 ozs (70.9 grams)—approx

AC OPERATED						
NTE Type No.	Nom. Voltage	Contact Arr.	Coil Res. Ohms (Typ)	Nom. Power	Max. Contact Cur. @ 28VDC or 120VAC	Diag No.
R06-5A10-24	24VAC	SPDT	—	2.0VA	10A	D6A
R06-5A10-120	120VAC	SPDT	—	2.0VA	10A	D6A
R06-11A10-120	120VAC	DPDT	—	2.0VA	10A	D6B
R06-14A10-24	24VAC	3PDT	—	2.75VA	10A	D6C
R06-14A10-120	120VAC	3PDT	—	2.75VA	10A	D6C
DC OPERATED						
R06-11D10-6	6VDC	DPDT	32	1.0W	10A	D6B
R06-11D10-12	12VDC	DPDT	120	1.0W	10A	D6B
R06-11D10-24	24VDC	DPDT	470	1.0W	10A	D6B
R06-11D10-48	48VDC	DPDT	1800	1.0W	10A	D6B
R06-14D10-12	12VDC	3PDT	120	1.0W	10A	D6C
R06-14D10-24**	24VDC	3PDT	470	1.0W	10A	D6C
R06-14D10-110	110VDC	3PDT	10K	1.0W	10A	D6C

** R06-14D10-24 is available in D6 at package ONLY.