



## KBP series

### 10 AMP DUAL COIL LATCHING RELAY

File E29244

#### FEATURES

- Dual coil latching relay accepts a momentary impulse to one coil to latch and a second impulse to the other coil to release.
- Enclosed in a clear polycarbonate dust cover.
- AC or DC coils.
- Contacts up to 5PDT.
- Mounts in 8,11, or 20-pin octal-type plugs.

#### CONTACT DATA @ + 25 C

**Arrangements:** From 2- Form C (DPDT) to 5 Form C (5PDT), (3PDT each coil).

**Ratings:** 10 amps @ 120VAC.

**Materials:** 10 amp models: Silver-cadmium oxide.

**Expected Life:** 500,000 operations, mechanical; 50,000 operations minimum at rated loads.

#### INITIAL DIELECTRIC STRENGTH

**Between Open Contacts:** 500V rms.

**Between Adjacent Contacts:** 1,000V rms.

**Between Contacts and Coil:** 1,000V rms.

#### COIL DATA @ + 25 C

**Nominal Power:**

**DC Coils:** 2.7W.

**AC Coils:** 5.3VA to 4 pole; 7.8VA to 5 pole.

**Maximum Power:** DC coils - 4.0W.

**Duty Cycle:** Intermittent.

**Initial Insulation Resistance:** 100 megohms.

#### COIL DATA

	Nominal Voltage	Resistance in Ohms ±10% @ 25°C	Nominal Current Milliamperes
DC Coils (TO 5 POLE)	12	52.0	230
	24	230	104
	48	850	56.5
	110	4560	24
	220	Use 110 volt relay with 5000 Ohms, 5 watt resistor in series.	
	Nominal Voltage	Resistance in Ohms ±15% @ 25°C	Nominal Current Milliamperes
AC Coils	Up to 4 Pole Relays		
	24	42	210
	120	1030	44
	240	4100	22
	For 5 Pole Relays		
	24	27	325
	120	700	68

#### OPERATE DATA @ + 25 C

**Must-Operate Voltage:**

**DC:** 75% of nominal voltage.

**AC:** 85% of nominal voltage.

**Operate Time:** 25 milliseconds excluding bounce.

#### ENVIRONMENTAL DATA

**Temperature Range:**

**Storage:** 105°C.

**Operating:** -45°C to +85°C.

#### MECHANICAL DATA

**Termination:** See terminals table on next page.

**Enclosures:** Plastic dust cover standard. Hermetically sealed metal case available on special order.

**Weight:** 10.8 oz. (306 g) approximately.