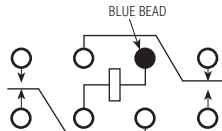


**Double Pole, Electrically Held, 5 Amps and Less** (Continued)

**HFC4A, HFC5A**  
Commercial/Industrial  
Half Size Relay



Terminal View

**Electrical Characteristics**

**Contact Arrangement** — 2 Form C (DPDT)  
**Contact Material** — Stationary — Bifurcated hardened silver alloy  
 Moveable — Gold plated hardened alloy  
**Contact Resistance** — Before Life — 50 milliohms max. (measured at 10 mA @ 6 Vdc)  
 After Life — 100 milliohms max. (measured @ 2 A @ 28 Vdc)  
**Mechanical Life Expectancy** — 10 million operations  
**Coil Voltage** — 5 to 26.5 Vdc  
**Coil Power** — 1.4 watts max. @ 25°C

**Duty Cycle** — Continuous

**Pick-up Voltage** — Approximately 60% of nominal coil voltage

**Pick-up Sensitivity** — 360 mW

**Operating Characteristics**

**Timing** — Operate Time — 6.0 ms max.  
 Release Time — 6.0 ms max.

**Dielectric Withstanding Voltage** —

Between Open Contacts — 350 Vrms 60 Hz  
 Between Adjacent Contacts — 500 Vrms 60 Hz  
 Between Contacts and Coil — 500 Vrms 60 Hz

**Insulation Resistance** — 1,000 megohms min @ 500 Vdc

**Environmental Characteristics**

**Temperature Range** — -55°C to +85°C

**Weight** — 0.46 oz. (13 gms) max.

**Vibration Resistance** — 10 G's, 10 to 500 Hz

**Shock Resistance** — 30 G's, 6 ±1 ms

**Product Facts**

- Hermetically sealed
- Up to 5 amps switching
- Economical configuration
- Optional terminals & mounting styles

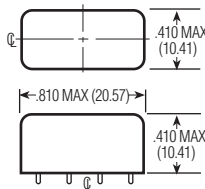
**Contact Ratings**

	Contact Load	Type	Operations Min.
HFC4A	4 A @ 28 Vdc	Resistive	100,000
HFC5A	5 A @ 28 Vdc	Resistive	100,000
	0.75 A @ 28 Vdc	Inductive (200 mH)	100,000
	0.3 A @ 115 Vac, 60 Hz & 400 Hz	Resistive	100,000

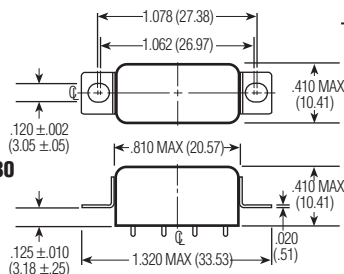
**Standard Coil Data**

Nom. Coil Voltage (Vdc)	Coil Resistance in Ohms ± 20% @ 25°C	Pickup Voltage Vdc (Max.) @ 25°C	Pickup Voltage Vdc (Max.) @ 85°C	Nom. Coil Power (W) @ 25°C	Max. Coil Voltage	Coil Desig.
5.0	27	3.0	3.7	.92	6.0	L
6.0	40	3.6	4.5	.90	7.5	F
12.0	160	7.2	8.9	.90	15.0	G
26.5	700	16.0	19.7	1.00	32.0	K

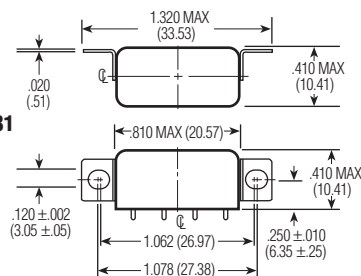
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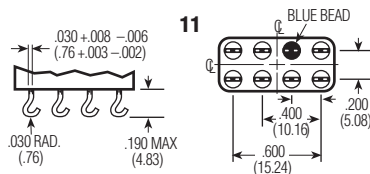


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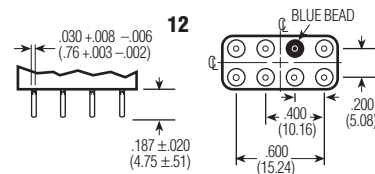


Mounting Styles

11



12



Terminals

**Specifying a Part Number Example:**

Type	Terminals	Mountings	Coils	Features
HFC5A	12	30	K	00