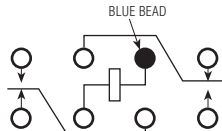


Double Pole, Electrically Held, 5 Amps and Less (Continued)

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

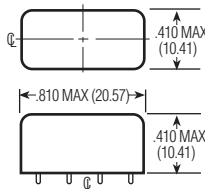
Contact Ratings

	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

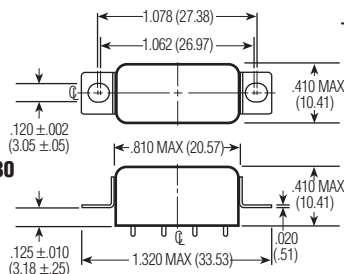
Standard Coil Data

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

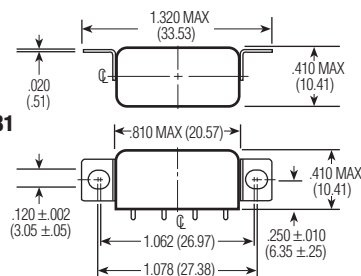
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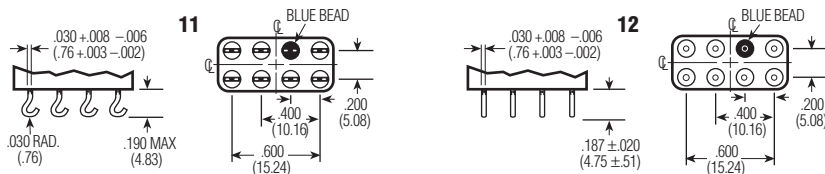
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Mounting Styles



Terminals

Specifying a Part Number Example:

Type	Terminals	Mountings	Coils	Features
HFC5A	12	30	K	00