

DHR-31BA Series, Rated up to 100 Amps, 28 Vdc

Product Facts

- SPDT, Center Off
- Hermetically Sealed



Performance Data

Electrical Characteristics

- Main Contacts** —
- Main Contact Arrangement** — SPDT, Center Off
- Rated Operating Voltage** — 28 Vdc
- Resistive Rating** — 100 Amps
- Inductive Rating** — 100 Amps
- Motor Rating** — 100 Amps
- Inrush, Max.** — 500 Amps
- Auxiliary Contacts** —

Aux. Contact Configuration — SPST, NO

Resistive Rating — 5 Amp

Inductive Rating — 5 Amp

General Characteristics

Temperature Range — -55°C to +120°C

Operating Cycles (Life) at Rated Resistive Load, Min. — 50,000 cycles

Weight — 1 lb 13 oz

Coil Characteristics

Duty Cycle — Continuous

Operating Voltage, Nom. —

Coil X1-X2 (120 V, 400 Hz) —

Pickup 100 V Max. Hot

Dropout 25 V ± 20 V

Nom. Resistance 1050 Ohms ± 10%

Coil Y1-Y2 (28 Vdc) —

Pickup 20 Vdc Max. Hot

Dropout 1.5 to 7 Vdc

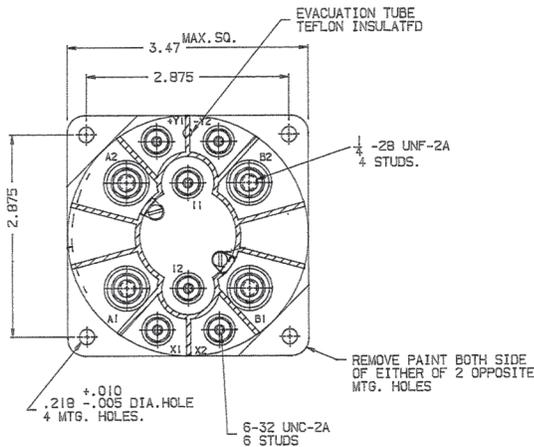
Nom. Resistance 163 Ohms ± 10%

Coil Current @ Nom. 120 V —

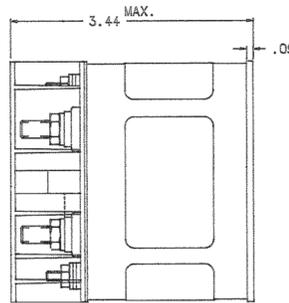
X1-X2 — 0.12 Amp at 25°C

Coil Current @ Nom. 28 Vdc —

Y1-Y2 — 0.19 Amp at 25°C

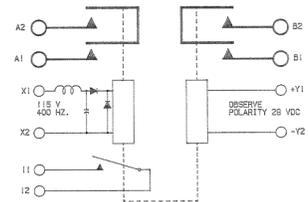


Mounting Style A



Circuit Configurations

(Consult factory for other available circuit configurations)



Circuit Configuration 1

For factory-direct application assistance, phone 419-521-9500 or fax 419-526-2749.

HARTMAN Part Number	Construction Type	Mounting Style	Coil Type	Circuit Config.	TE Part Number
DHR-31BA	Hermetically Sealed	A	Continuous	1	1616098-1