

## D-32A Series, Rated up to 100 Amps, 28 Vdc

### Product Facts

- 2PST, Center Off, Double Break
- Gasket Sealed, Vented
- Meets many requirements of MIL-PRF-6106



### Performance Data

#### Electrical Characteristics

##### Main Contacts —

Main Contact Configuration — 2PST, Center Off

Voltage, Nom. — 28 Vdc

Resistive Rating — 100 Amps

Inductive Rating — 100 Amps

Motor Rating — 80 Amps

Lamp Rating — 50 Amps

Overload Rating — 800 Amps

Rupture Rating — 1,000 Amps

##### Auxiliary Contacts —

Aux. Contact Configuration — SPST

Voltage, Nom. — 28 Vdc

Resistive Rating — 0.1 Amps

Inductive Rating — 0.1 Amps

Lamp Rating — 0.1 Amps

### General Characteristics

Temperature Range — -55°C to +71°C

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

Operating Cycles (Life) Mechanical, Min. — 100,000 cycles

#### Dielectric Strength —

All Circuits to Ground — 1,250 Vrms

Circuit to Circuit — 1,250 Vrms

Coil to Ground and Aux. Contacts — 1,000 Vrms

Altitude — 50,000 ft.

Weight, Max. — 1.9 lbs

### Coil Characteristics

Duty Cycle — Continuous with suppression

Operating Voltage, Nom. — 28 Vdc

Operating Voltage, Max. — 30 Vdc

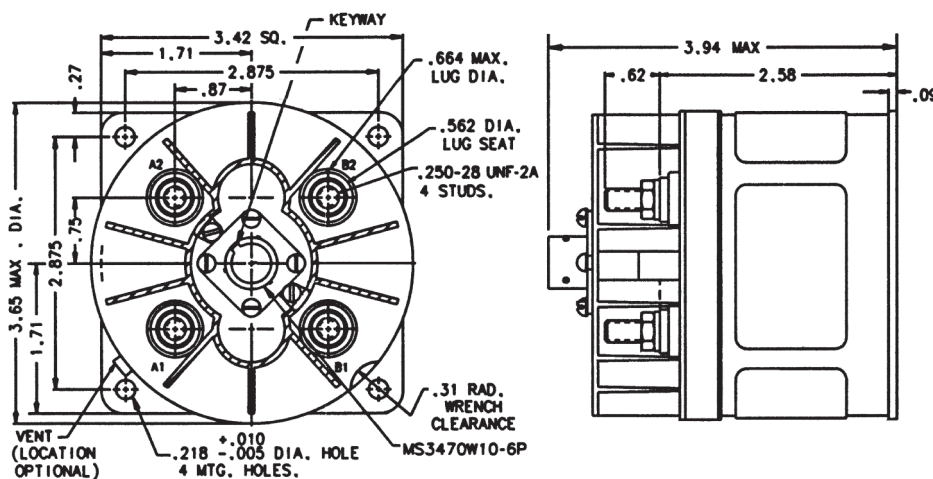
Pickup Voltage, Max. — 18 Vdc

Dropout Voltage, Max. — 1.5 to 7.5 Vdc

Hold Voltage — 8.0 Vdc

Coil Resistance  $\pm 10\%$  @ 77°F — 163 Ohms

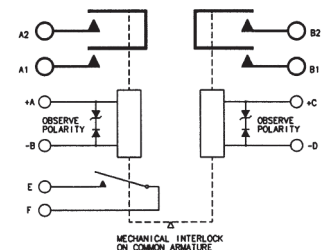
Coil Current @ 77°F & 30 Vdc, Max. — 0.215 Amp



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
D-32A	Gasket/Vented	A	Continuous w/ Suppression	1	1616097-2

Catalog 5-1773450-5  
Revised 3-13

www.te.com

Dimensions are shown for reference purposes only. Specifications subject to change.

Dimensions are in millimeters unless otherwise specified.

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