

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

 ${\bf Main\ Contacts} \ --$

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

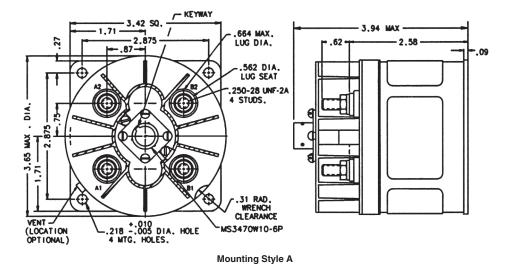
Hold Voltage — 8.0 Vdc

Coil Resistance ±10% @ 77°F —

163 Ohms

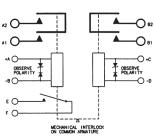
Coil Current @ 77°F & 30 Vdc,

Max. — 0.215 Amp



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	Construction	Mounting	Coil	Circuit	TE
Part Number	Type	Style	Type	Config.	Part Number
D-32A	Gasket/Vented	А	Continuous w/ Suppression	1	1616097-2