## 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 ±10% @ 77°F — 163 Ohms Coil Current @ 77°F & 30 Vdc, Max. - 0.215 Amp

- KEYWAY 3.42 SQ. 3.94 MAX 1.71 .664 MAX. LUG DIA. .27 2.875 2,58 . 62 87 .09 562 DIA. LUG SEAT **Circuit Configurations** 250-28 UNF-2A (Consult factory for other 4 STUDS. available circuit configurations) DIA. . Ň 8 2.1 +4 () OBSERVE -80 .31 RAD. WRENCH CLEARANCE εO VENT -+.010 218 -.005 DIA. HOLE 4 MTG, HOLES, MS3470W10-6P FО (LOCATION OPTIONAL) Mounting Style A HARTMAN Mounting Construction Coil Circuit

MECHANICAL INTERLOCK **Circuit Configuration 1** 

ΤE

Part Number

1616097-2

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

Catalog 5-1773450-5 Revised 3-13

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

Part Number

D-32A

Dimensions are in millimeters unless otherwise specified.

Туре

Gasket/Vented

USA: +1 800 522 6752 Asia Pacific: +86 0 400 820 6015 UK: +44 800 267 666

Туре

Continuous w/ Suppression

Style

А

For additional support numbers please visit www.te.com

Config.

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