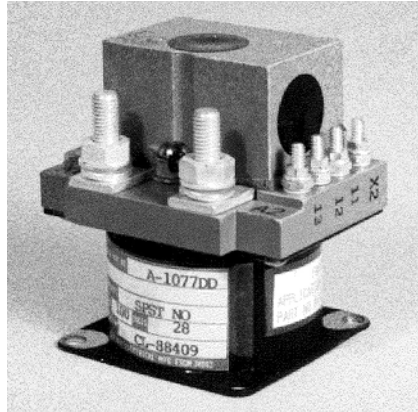


A-1077 Series, Rated up to 100 Amps, 28 Vdc

Product Facts

- SPST NO, Double Break or SPDT Double Break
- Gasket Sealed
- Auxiliary contacts available
- Meets many requirements of MIL-PRF-6106



Performance Data

Electrical Characteristics

Main Contact Configuration —

A-1077DD — SPST NO

A-1077S — SPDT

Rated Operating Voltage —
28 Vdc

Main Contact Rating —

Resistive Rating — 100 Amps

Inductive Rating — 100 Amps

Motor Rating — 100 Amps

Interrupt Rating — 1,200 Amps

Auxiliary Contacts —

Resistive Rating —
5 Amp, 28 VAC/115 VAC

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, Max. — 50,000 ft.

Weight, Max. — 1.5 to 2 lbs

Coil Characteristics

Coil Characteristics

Duty Cycle — Continuous

Operating Voltage, Max. — 32 Vdc

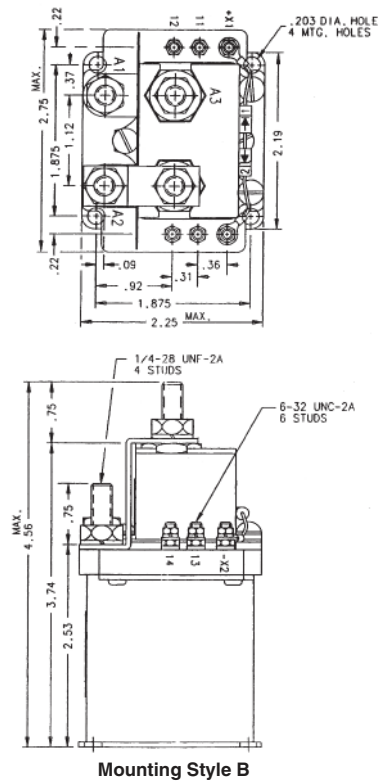
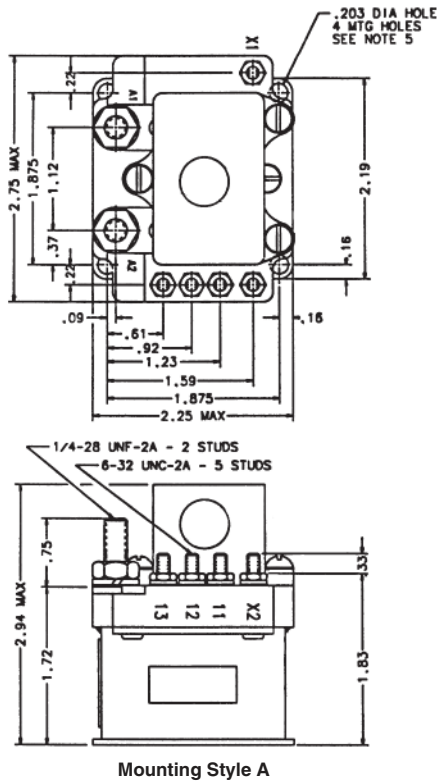
Operating Voltage, Min. — 24 Vdc

Pickup Voltage @ 25°C, Max. —
16.5 Vdc

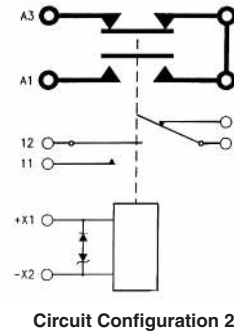
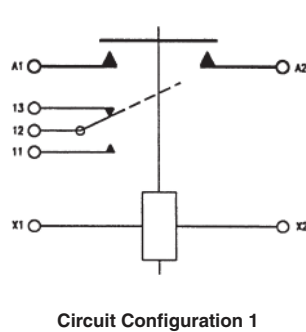
Dropout Voltage — 1 to 7 Vdc

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

A-1077 Series, Rated up to 100 Amps, 28 Vdc (Continued)



Circuit Configurations (Consult factory for other available circuit configurations)



HARTMAN Part Number	Construction Type	Mounting Style	Coil Type	Circuit Config.	TE Part Number
A-1077DD	Gasket Sealed	A	Continuous	1	1616055-3
A-1077S	Gasket Sealed	B	Continuous, w/ Suppression	2	1616081-3

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