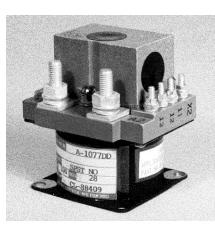


A-1077 Series, Rated up to 100 Amps, 28 Vdc

See Part Number Listing on Last Page

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.

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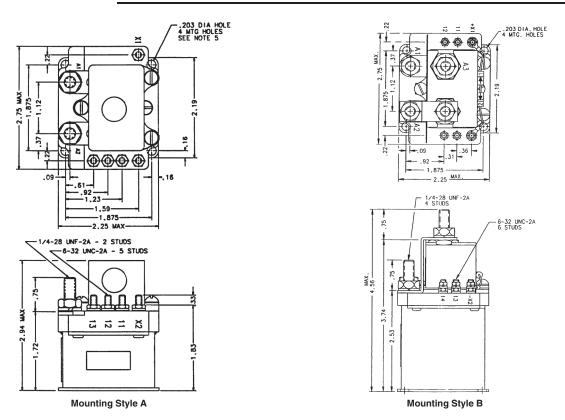
Catalog 5-1773450-5 Revised 3-13

www.te.com

Dimensions are shown for reference purposes only. Specifications subject to change. Dimensions are in millimeters unless otherwise specified.

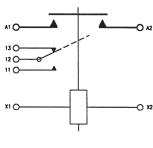
USA: +1 800 522 6752 Asia Pacific: +86 0 400 820 6015 UK: +44 800 267 666 For additional support numbers please visit www.te.com





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

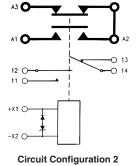
Circuit Configurations (Consult factory for other available circuit configurations)



Circuit Configuration 1

Part Numbe A-1077DD

A-1077S



HARTMAN	Construction	Mounting	Coil	Circuit	Part
Part Number	Type	Style	Type	Config.	

ounting Style	Coil Type	Circuit Config.	TE Part Number
А	Continuous	1	1616055-3
В	Continuous, w/ Suppression	2	1616081-3

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.

Dimensions are in millimeters unless otherwise specified.

Gasket Sealed

Gasket Sealed

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

For additional support numbers please visit www.te.com

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