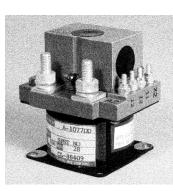


A1077 Series, Rated up to 200 Amps, 28 Vdc

Product Facts

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



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

Performance Data

Electrical Characteristics Contact Arrangement -SPST NO, Double Break or SPDT Double Break Rated Operating Voltage — 28 Vdc Resistive Rating — 200 Amps Inrush Rating — 800 Amps

General Characteristics Temperature Range --55°C to +71°C **Operating Cycles (Life) at Rated** Resistive Load, Min. - 50,000 cvcles **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 Weight — 1.50 to 1.90 lbs

2

MAX

2.75

875

2

75

1.72

MAX.

2.94

Coil Characteristics Duty Cycle — Continuous

Operating Voltage, Max. — 32 Vdc Operating Voltage, Nom. — 24 Vdc Pickup Voltage @ 25°C, Max. — 16.5 Vdc

Dropout Voltage — 1.0 to 7 Vdc

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Mounting Style B

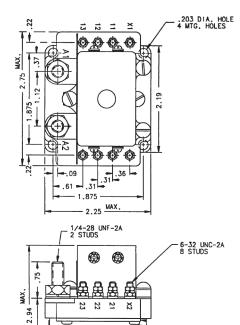
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Dimensions are shown for

reference purposes only. Specifications subject

For factory-direct application assistance, phone 419-521-9 Mounting Style A

6-80

Catalog 5-1773450-5 Revised 3-13

www.te.com

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

6-32 UNC-2A 8 STUDS

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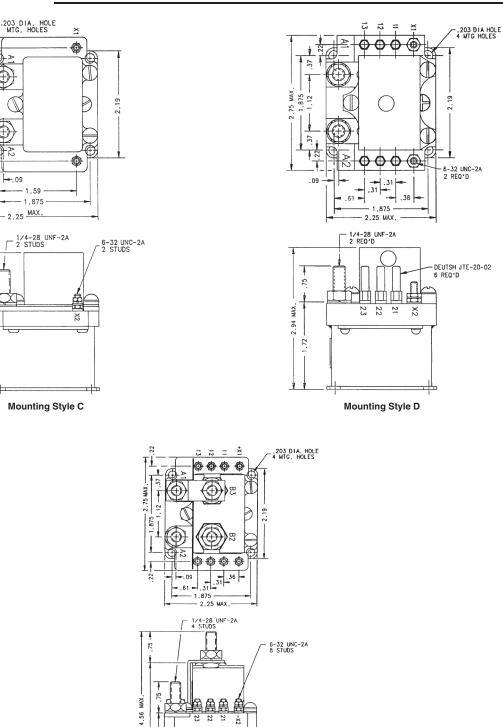
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A1077 Series, Rated up to 200 Amps, 28 Vdc (Continued)

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.

3.74 2.53

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HARTMAN Power Switching DC Contactors

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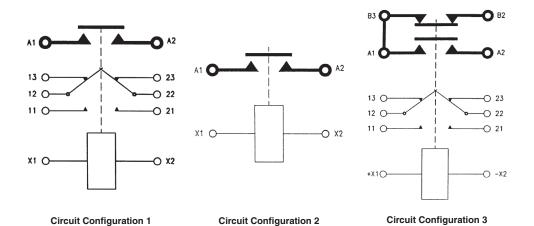
Mounting Style E

6-81



A1077 Series, Rated up to 200 Amps, 28 Vdc (Continued)

Circuit Configurations (Consult factory for other available circuit configurations)



Mounting HARTMAN Construction Coil Circuit TE Part Number Style Config. Part Number Туре Туре 1616055-2 A-1077D Gasket Sealed А Intermittent 1 A-1077F Gasket Sealed В Continuous 1 1616055-4 Gasket Sealed С Continuous 1616055-5 A-1077G 2 A-1077V Gasket Sealed D Continuous 1616055-6 1 A-1077W Gasket Sealed Е Continuous 3 1616081-4

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

6-82

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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For additional support numbers please visit www.te.com



A1077 Series, Rated up to 230 Amps, 28 Vdc

Product Facts

- Gasket Sealed
- Auxiliary contacts available
- Meets many requirements of MIL-PRF-6106



Performance Data

Electrical Characteristics

Contact Arrangement -SPST NO, Double Break or SPDT Double Break

Rated Operating Voltage — 28 Vdc

Resistive Rating — 230 Amps Inrush Rating — 600 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

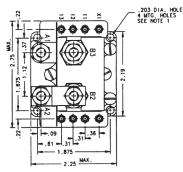
Dielectric Strength -All Circuits to Ground — 1,250 Vrms Circuit to Circuit — 1,250 Vrms Coil to Ground and Aux. Contacts -1,000 Vrms

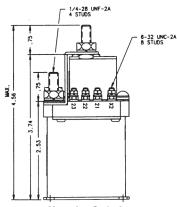
Weight - 1.90 lbs

Coil Characteristics Duty Cycle — Continuous Operating Voltage, Max. — 30 Vdc

Operating Voltage, Nom. — 24 Vdc

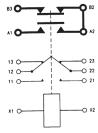
Pickup Voltage @ 25°C, Max. — 16.5 Vdc Dropout Voltage — 0.5 to 7 Vdc





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
	A-1077B	Gasket Sealed	А	Continuous	1	1616081-1

6-84

Catalog 5-1773450-5 Revised 3-13

www.te.com

Specifications subject

to change.

Dimensions are shown for Dimensions are in millimeters reference purposes only. unless otherwise specified.

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>>TE Connectivity(泰科)