

## A1077 Series, Rated up to 200 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



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 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

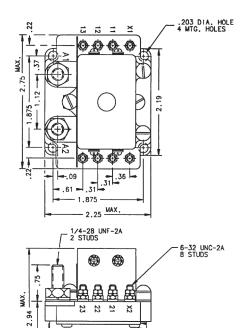
**General Characteristics** 

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

#### **Coil Characteristics**

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

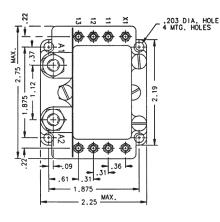
Dropout Voltage — 1.0 to 7 Vdc

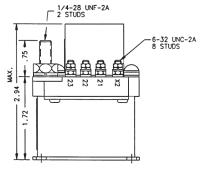


For factory-direct application

Dimensions are shown for

assistance, phone 419-521-9500 upting Style A





Mounting Style B

6-80

Catalog 5-1773450-5 Revised 3-13

3 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



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1.59

1.875

1/4-28 UNF-2A 2 STUDS

Mounting Style C

2.25 MAX

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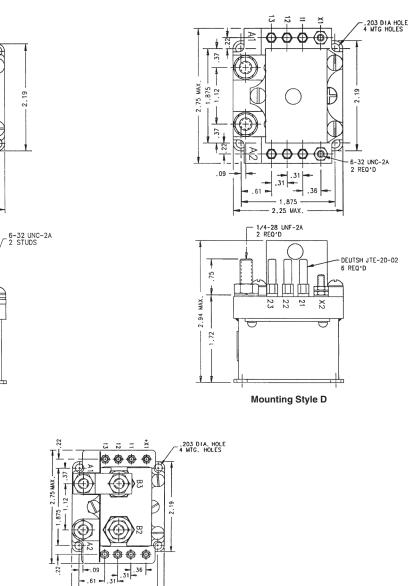
1.72

2.94

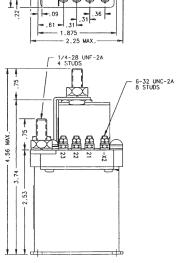
1.875

1 22

MAX. .37 2.75 -Ŧ



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



Mounting Style E

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Catalog 5-1773450-5 Revised 3-13

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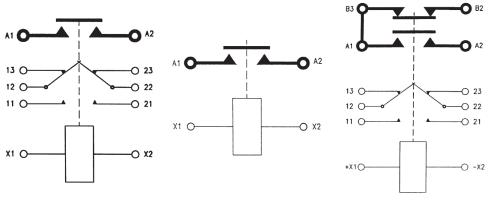
HARTMAN Power Switching DC Contactors

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

**Circuit Configurations** (Consult factory for other available circuit configurations)



**Circuit Configuration 1** 

Circuit Configuration 2

**Circuit Configuration 3** 

| HARTMAN<br>Part Number | Construction<br>Type | Mounting<br>Style | Coil<br>Type | Circuit<br>Config. | TE<br>Part Number |
|------------------------|----------------------|-------------------|--------------|--------------------|-------------------|
| A-1077D                | Gasket Sealed        | A                 | Intermittent | 1                  | 1616055-2         |
| A-1077F                | Gasket Sealed        | В                 | Continuous   | 1                  | 1616055-4         |
| A-1077G                | Gasket Sealed        | С                 | Continuous   | 2                  | 1616055-5         |
| A-1077V                | Gasket Sealed        | D                 | Continuous   | 1                  | 1616055-6         |
| A-1077W                | Gasket Sealed        | E                 | Continuous   | 3                  | 1616081-4         |

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Catalog 5-1773450-5 Revised 3-13

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