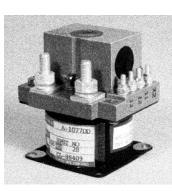


## A1077 Series, Rated up to 200 Amps, 28 Vdc

**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

cycles Operating Cycles (Life) Mechanical, Min. — 100,000 cycles

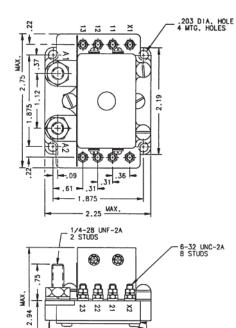
### Dielectric Strength —

All Circuits to Ground — 1,250 Vrms Circuit to Circuit — 1,250 Vrms Coil to Ground and Aux. Contacts — 1,000 Vrms Weight — 1.50 to 1.90 lbs

#### Coil Characteristics Duty Cycle — Continuous Operating Voltage, Max. — 32 Vdc

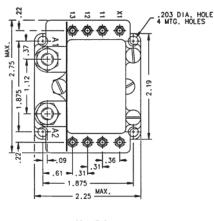
Operating Voltage, Nom. — 24 Vdc

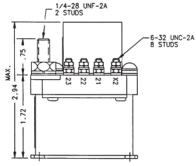
Pickup Voltage @ 25°C, Max. — 16.5 Vdc Dropout Voltage — 1.0 to 7 Vdc



Dimensions are shown for

For factory-direct application assistance, phone 419-521-9





Mounting Style B

6-80

Catalog 5-1773450-5 Revised 3-13

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



.203 DIA. HOLE MTG. HOLES

.09

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Mounting Style C

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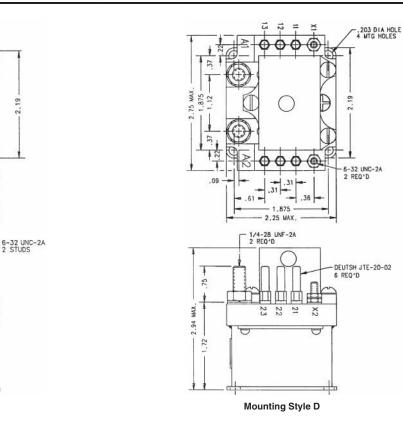
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2.94

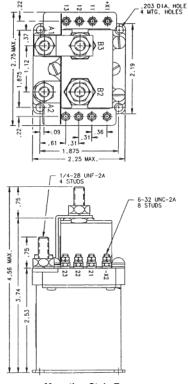
1.875

1

MAX. 37 2.75







Mounting Style E

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

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

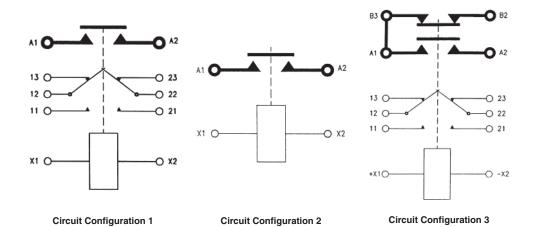
HARTMAN Power Switching DC Contactors

6-81



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

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



HARTMAN Construction Mounting 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 С A-1077G Gasket Sealed 1616055-5 Continuous 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

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



# 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

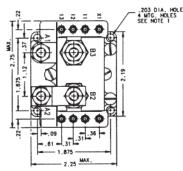
**Dielectric Strength** -All Circuits to Ground — 1,250 Vrms Circuit to Circuit — 1,250 Vrms Coil to Ground and Aux. Contacts -1,000 Vrms

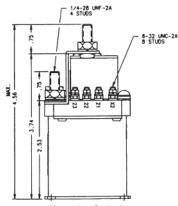
Weight - 1.90 lbs

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

Operating Voltage, Nom. — 24 Vdc

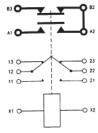
Pickup Voltage @ 25°C, Max. — 16.5 Vdc Dropout Voltage — 0.5 to 7 Vdc





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 to change.

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

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