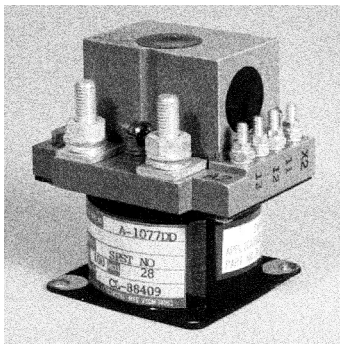
A1077 Series, Rated up to 200 Amps, 28 Vdc

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

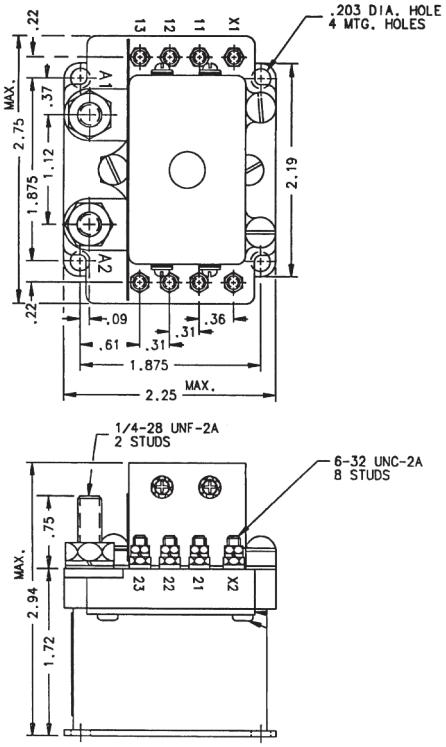
Duty Cycle — Continuous

Operating Voltage, Max. — 32 Vdc

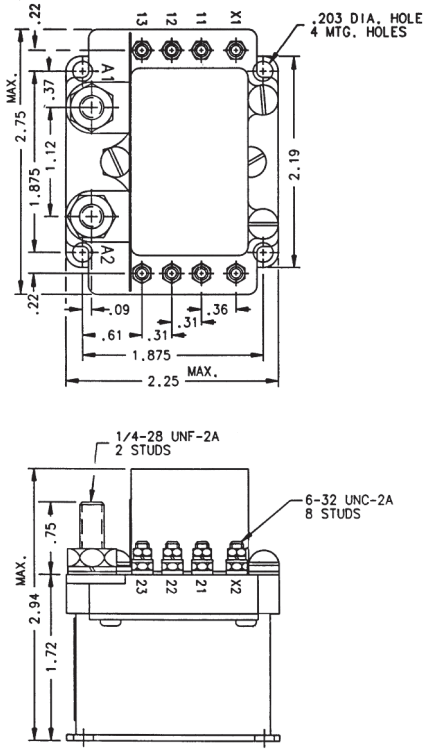
Operating Voltage, Nom. — 24 Vdc

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

Dropout Voltage — 1.0 to 7 Vdc



Mounting Style A



Mounting Style B

For factory-direct application assistance, phone 419-521-9500 or

Catalog 5-1773450-5
Revised 3-13

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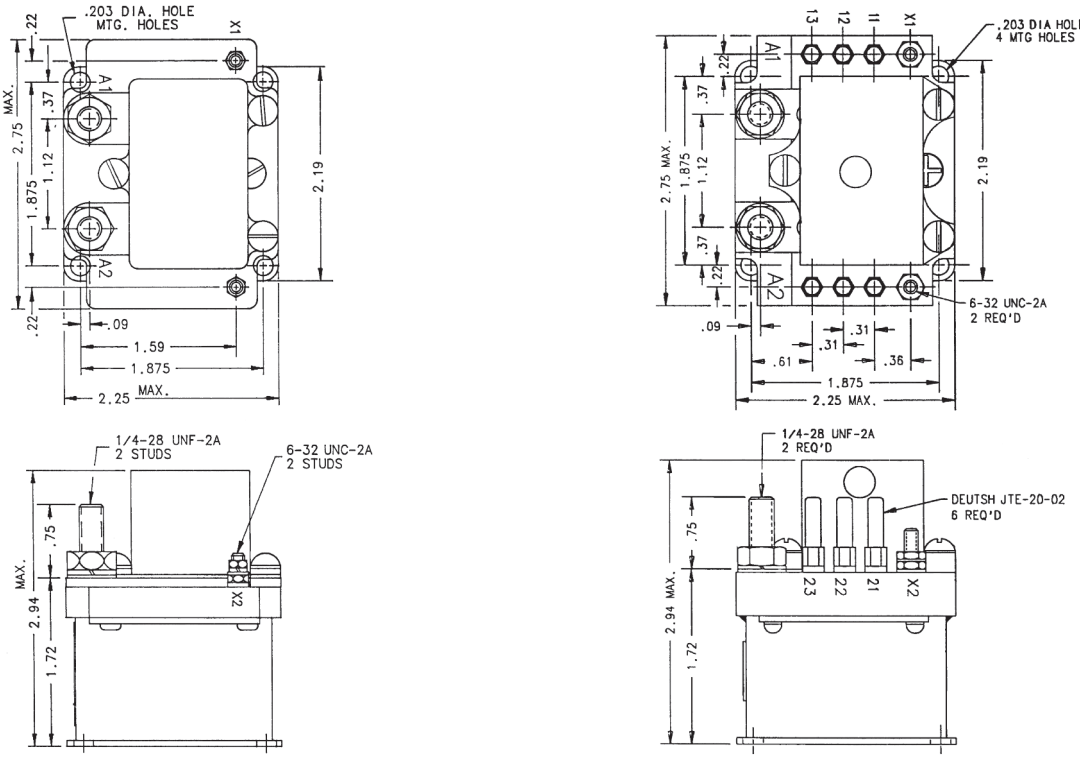
Dimensions are shown for reference purposes only. Specifications subject to change.

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 200 Amps, 28 Vdc (Continued)



Mounting Style C

Mounting Style D

Mounting Style E

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

Catalog 5-1773450-5
Revised 3-13

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Dimensions are shown for reference purposes only. Specifications subject to change.

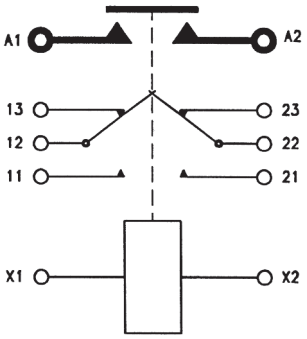
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Asia Pacific: +86 0 400 820 6015
UK: +44 800 267 666

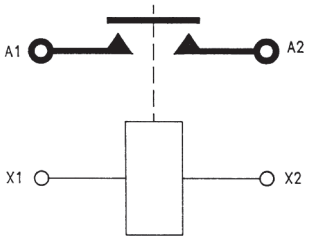
For additional support numbers please visit www.te.com

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

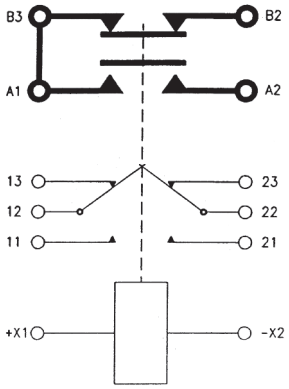
Circuit Configurations (Consult factory for other available circuit configurations)



Circuit Configuration 1



Circuit Configuration 2



Circuit Configuration 3

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

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

Catalog 5-1773450-5
Revised 3-13

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Dimensions are in millimeters unless otherwise specified.

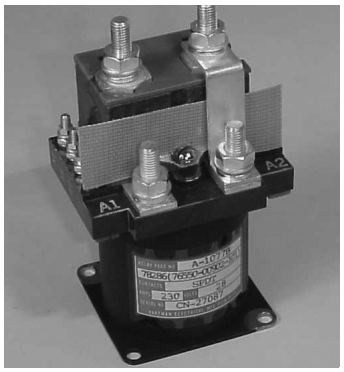
USA: +1 800 522 6752
Asia Pacific: +86 0 400 820 6015
UK: +44 800 267 666

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

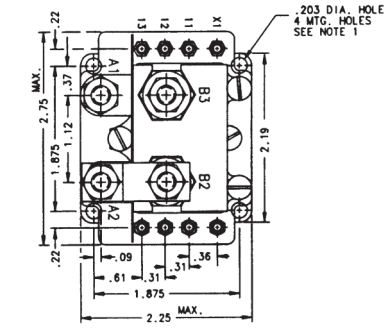
Duty Cycle — Continuous

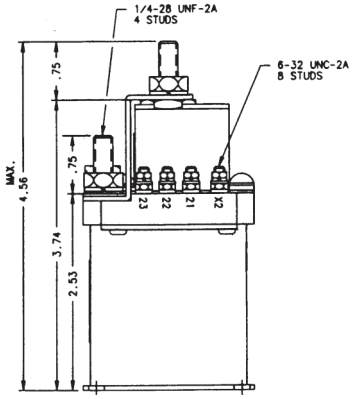
Operating Voltage, Max. — 30 Vdc

Operating Voltage, Nom. — 24 Vdc

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

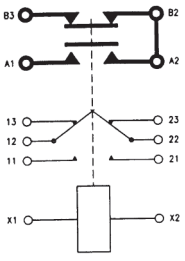
Dropout Voltage — 0.5 to 7 Vdc





Mounting Style A

Circuit Configurations (Consult factory for other available circuit configurations)



Circuit Configuration 1

HARTMAN Part Number	Construction Type	Mounting Style	Coil Type	Circuit Config.	TE Part Number
A-1077B	Gasket Sealed	A	Continuous	1	1616081-1

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.

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UK: +44 800 267 666

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