

## B-140 Series, Rated up to 60 Amps, 115/200 VAC, 400 Hz

**Product Facts** 

- 3PDT NO, Center off
- Gasket sealed or Hermetically sealed
- 115/200 VAC, 400 Hz, 3 phase
- Auxiliary contacts available
- Meets the requirements of MIL-PRF-6106



## Performance Data

Electrical Characteristics Contact Arrangement — 3PDT NO, Center Off Rated Operating Voltage — 115/200 VAC, 400 Hz, 3 phase Current, Resistive — 60 Amps Current, Inductive — 60 Amps Current, Motor — 60 Amps Current, Rupture — 600 Amps General Characteristics Temperature Range — -55°C to +120°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 — 1,500 Vrms Circuit to Circuit — 1,500 Vrms Coil to Ground and Aux. Contacts — 1,000 Vrms

Insulation Resistance, Initial — 100 megohm min. Altitude Max. — 50,000 ft. Weight, Nominal — 1.50 to 2.31 lbs Sinusoidal Vibration — 10 G @ 70 to 2,000 Hz

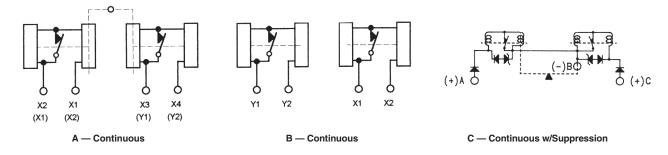
**Shock, Max.** — 15 G

#### **Coil Characteristics**

Duty Cycle — Continuous (Type A or B, See diagram below) Operating Voltage, Nom. — 28 Vdc Pickup Voltage, Max. @ 85°C —

18 Vdc Dropout Voltage, Max. — 1.5 to 7 Vdc Coil Current @ 29 Vdc Max. @ 25°C — 0.35 Amps Inrush — 5 Amps

### **Coil Type**



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

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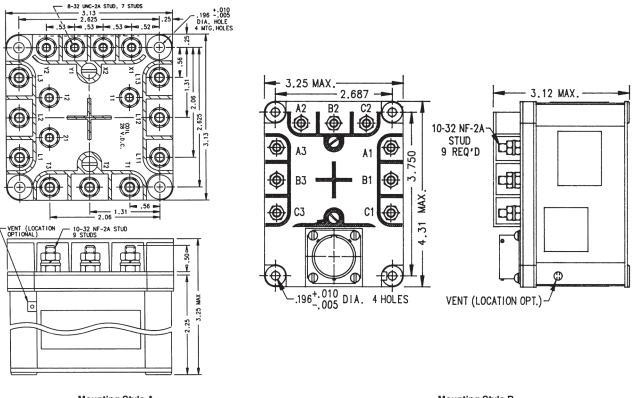
Catalog 5-1773450-5 Revised 3-13

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

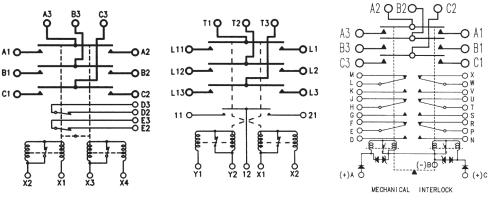




# B-140 Series, Rated up to 60 Amps, 115/200 VAC, 400 Hz (Continued)

Mounting Style A

Mounting Style B



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 |
|------------------------|----------------------|-------------------|--------------|--------------------|-------------------|
| B-140AP-1              | Gasket/Vented        | В                 | Continuous   | 3                  | 1616043-7         |
| B-140BH                | Gasket/Vented        | А                 | Continuous   | 1                  | 1616043-9         |
| B-140V                 | Gasket/Vented        | А                 | Continuous   | 2                  | 1-1616043-0       |

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HARTMAN Power Switching AC Contactors

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