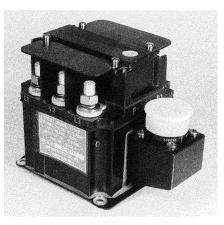


B-451 Series, Rated up to 175 Amps, 115/200 VAC, 400 Hz

Product Facts

- 3PDT, Magnetic latching
- Gasket sealed
- Auxiliary contacts available
- Meets many requirements of MIL-PRF-6106



Performance Data

Electrical Characteristics Contact Arrangement — 3PDT, Magnetic Latching Rated Operating Voltage — 115/200 VAC, 400 Hz Resistive Rating — 175 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 — 1,500 Vrms

Circuit to Circuit — 1,500 Vrms Coil to Ground and Aux. Contacts — 1,000 Vrms

Insulation Resistance, Initial — 100 megohm min.

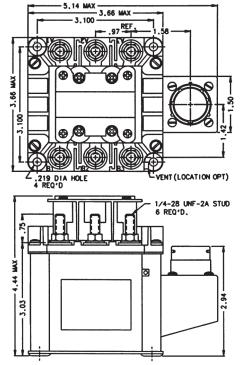
Altitude — 50,000 ft. Weight, Max. — 2.44 lbs

Coil Characteristics

Duty Cycle — Continuous, self-deenergizing

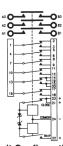
Operating Voltage, Max. — 30 Vdc Close Voltage @ 15 to 30 Vdc — Resistance — 4.4 +10% Ohms Current — 5 Amp Max.

Trip Voltage @ 15 to 30 Vdc — Resistance — 5.0 +10% Ohms Current — 5 Amp Max.



Mounting Style A

Circuit Configurations (Consult factory for other available circuit configurations)



Circuit Configuration 1

cation	HARTMAN	Construction	Mounting	Coil	Circuit	TE
	Part Number	Type	Style	Type	Config.	Part Number
-521-9500 or	B451	Gasket/Vented	А	Continuous, Self-Deenergizing	1	1616023-3

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

6-38

Catalog 5-1773450-5 Revised 3-13

reference purposes only. Specifications subject to change.

Dimensions are shown for

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