

B-312 Series, Rated up to 175 Amps, 253/440 VAC, 50-60 Hz

See Part Number Listing on Last Page

Product Facts

- 3PST NO, Double break
- Gasket sealed
- 235/440 VAC, 50-60 Hz, 3 phase
- Auxiliary contacts available
- Meets many requirements of MIL-PRF-6106



Performance Data

Electrical Characteristics Contact Arrangement — 3PST NO, Double Break Rated Operating Voltage — 253/440 VAC, 50-60 Hz, 3 phase Current, Resistive — 175 Amps Current, Inductive — B312DB — 70 Amps Current, Motor — 150 Amps Current, Rupture — 1,500 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 —

Weight, Max. - 3.0 lbs

1,000 Vrms

Coil Characteristics Duty Cycle — Continuous, economizing

Operating Voltage, Nom. — 28 Vdc Pickup Voltage — 18 Vdc Dropout Voltage — B312DB — 1.5 to 7 Vdc B312CH — 1 to 7 Vdc

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

Catalog 5-1773450-5 Revised 3-13

www.te.com

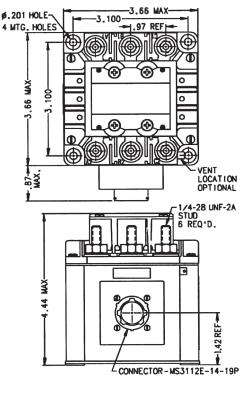
Dimensions are shown for reference purposes only. Specifications subject to change. Dimensions are in millimeters unless otherwise specified.

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 Contactors

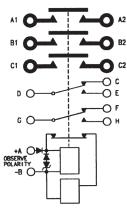


B-312 Series, Rated up to 175 Amps, 253/440 VAC, 50-60 Hz (Continued)



Mounting Style A

Circuit Configurations (Consult factory for other available circuit configurations)



Circuit Configuration 1

HARTMAN	Construction	Mounting	Coil	Circuit	TE
Part Number	Type	Style	Type	Config.	Part Number
B-312DB	Gasket/Vented	А	Continuous, Economizing	1	1616004-7

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