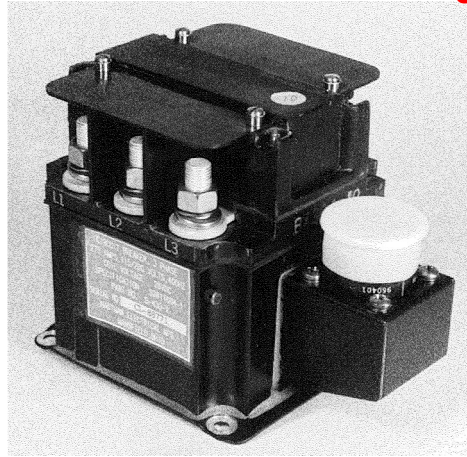


B-430 Series, Rated up to 275 Amps, 115/200 VAC, 400 Hz

See Part Number Listing on Last Page

Product Facts

- 3PST, Double break, magnetic latching
- Gasket sealed
- Auxiliary contacts available
- Meets many requirements of MIL-PRF-6106



Performance Data

Electrical Characteristics

Contact Arrangement — 3PST, Double Break, Magnetic Latching
Rated Operating Voltage — 115/200 VAC, 400 Hz, 3 phase
Resistive Rating — 275 Amps
Interrupt Rating — 2,000 Amps

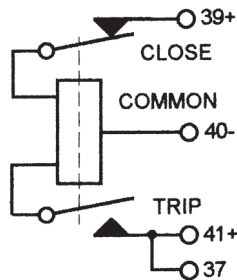
General Characteristics

Temperature Range — -55°C to +85°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 — 45,000 ft.
Weight, Max. — 4.0 lbs

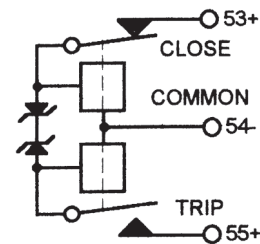
Coil Characteristics

Duty Cycle — B-430-1 — Continuous, self-deenergizing (Type A, See diagram below)
 B-430Z — Continuous, self-deenergizing with suppression (Type B, See diagram below)
Operating Voltage Close, @ 85°C — Min. — 15 Vdc
 Max. — B-430-1 — 28 Vdc
 B-430Z — 29 Vdc
Operating Voltage Trip, @ 85°C — Min. — 15 Vdc
 Max. — B-430-1 — 28 Vdc
 B-430Z — 29 Vdc
Coil Current Closing, Max. — 6 Amps
Coil Current Trip, Max. — 6 Amps

Coil Type



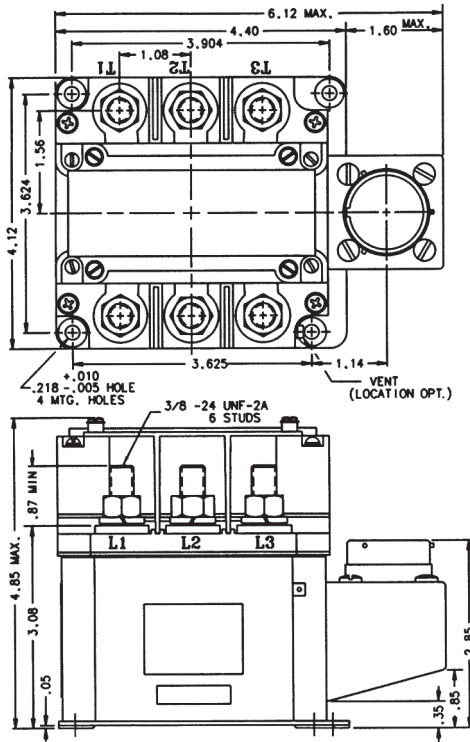
A — Continuous, Self-Deenergizing



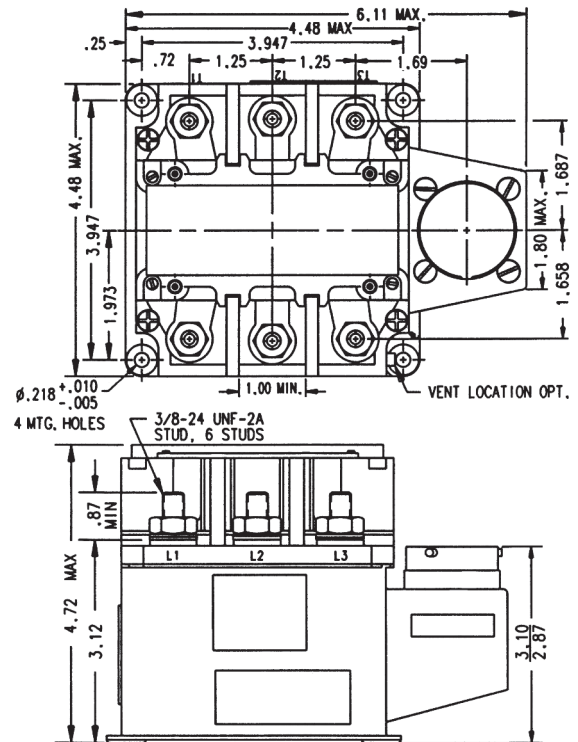
B — Continuous, Self-Deenergizing with Suppression

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

B-430 Series, Rated up to 275 Amps, 115/200 VAC, 400 Hz (Continued)

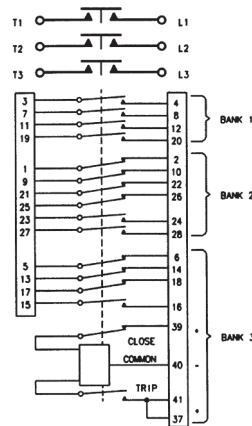


Mounting Style A

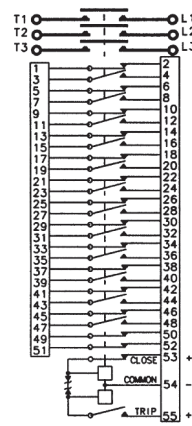


Mounting Style B

Circuit Configurations (Consult factory for other available circuit configurations)



Circuit Configuration 1



Circuit Configuration 2

HARTMAN Part Number	Construction Type	Mounting Style	Coil Type	Circuit Config.	TE Part Number
B-430-1	Gasket/Vented	A	A	1	1616023-1
B-430Z	Gasket/Vented	B	B	2	1616023-2

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