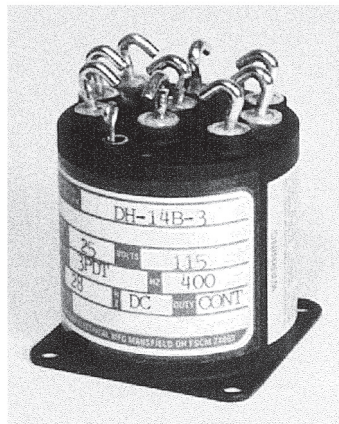


DH-14 and DHR-14 Series Contactors, Rated up to 25 Amps, 115/200 VAC, 400 Hz

Product Facts

- 3PDT
- Hermetically sealed
- Auxiliary contacts available
- Meets many requirements of MIL-PRF-6106



Performance Data

Electrical Characteristics

Contact Arrangement — 3PDT

Rated Operating Voltage — 115/200 VAC, 400 Hz

Resistive Rating — 25 Amps

Inductive Rating — 20 Amps

Motor Rating — 15 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 — 80,000 ft.

Weight, Max. — .41 to .50 lbs

Duty Cycle

VAC 400 Hz — AC Continuous (Type A, See diagram below)

Vdc — Continuous or continuous with suppression (See diagram B & C below)

Operating Voltage, Nom. —

VAC 400 Hz — 115 VAC

Vdc — 28 Vdc

Pickup Voltage @ 25°C, Max. —

VAC 400 Hz — 95 VAC

Vdc — 18 Vdc

Dropout Voltage @ 25°C, Max. —

VAC 400 Hz — 25 VAC

Vdc — 1.5 to 7 Vdc

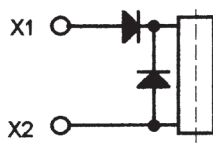
Coil Resistance ±20% @ 25°C —

VAC 400 Hz — N/A

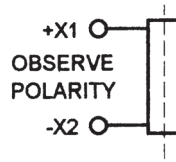
Vdc — 290 Ohms

Coil Characteristics

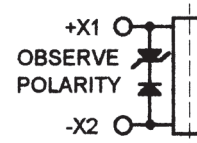
Coil Type



A — AC Continuous



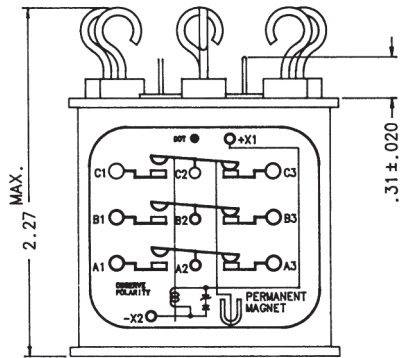
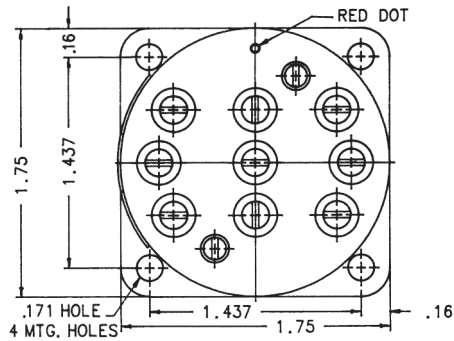
B — Continuous



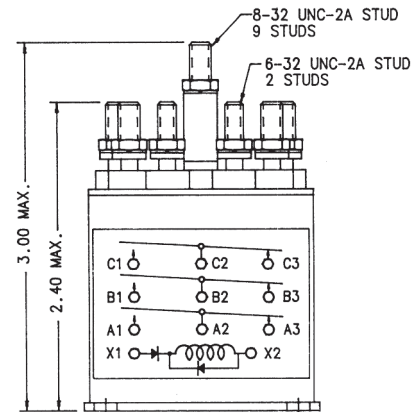
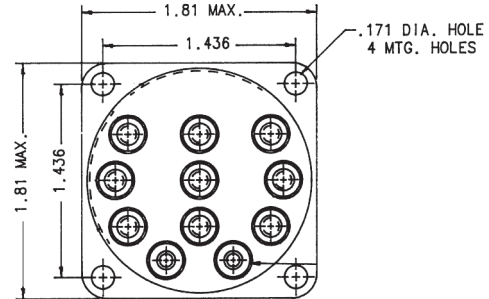
C — Continuous with Suppression

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

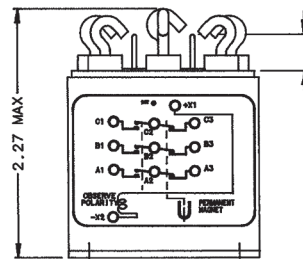
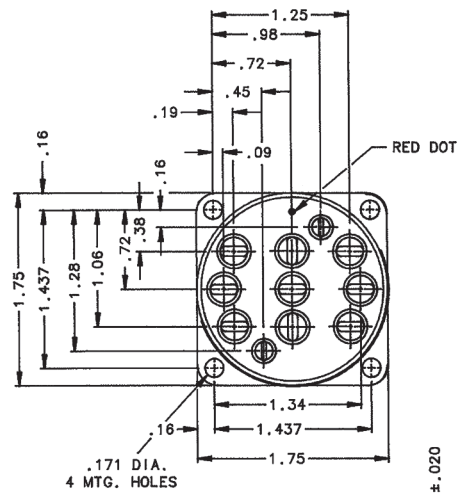
**DH-14 and DHR-14 Series Contactors, Rated up to 25 Amps,
115/200 VAC, 400 Hz (Continued)**



Mounting Style A



Mounting Style B

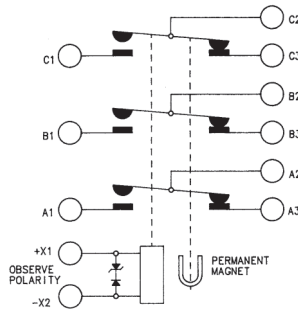


Mounting Style C

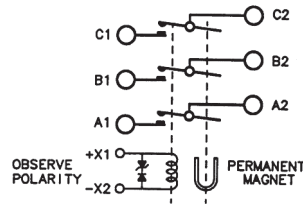
For factory-direct application assistance, phone 419-521-9500 or fax 419-526-2749.

DH-14 and DHR-14 Series Contactors, Rated up to 25 Amps, 115/200 VAC, 400 Hz (Continued)

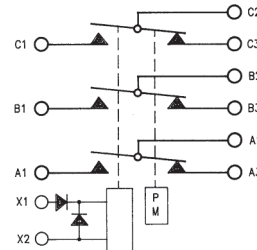
Circuit Configurations (Consult factory for other available circuit configurations)



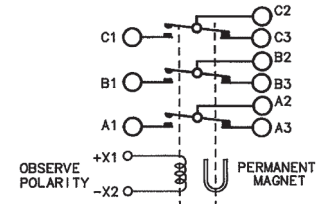
Circuit Configuration 1



Circuit Configuration 2



Circuit Configuration 3



Circuit Configuration 4

HARTMAN Part Number	Construction Type	Mounting Style	Coil Type	Circuit Config.	TE Connectivity Part Number
DH-14B	Hermetically Sealed	C	B	4	1-1616522-4
DH-14B-3	Hermetically Sealed	A	C	1	1616037-1
DH-14CE	Hermetically Sealed	A	C	2	1616017-1
DHR-14B	Hermetically Sealed	A	A	3	1-1616037-2
DHR-14BA	Hermetically Sealed	B	A	3	1-1616037-3

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