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Voltage Sensitive Relays

Close Differential, 3 Phase Relay

D101 Series

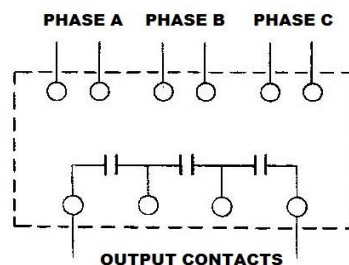
REV A

ORDERING INFORMATION

Type	D101-X	
3 Phase Voltage	H1 (inches)	H2 (inches)
X: 120V AC	2	2-11/16
6X: 208VAC	3-1/2	4-3/16
4X: 240VAC	3-1/2	4-3/16
10X: 380VAC	3-1/2	4-3/16
7X: 480VAC	3-1/2	4-3/16

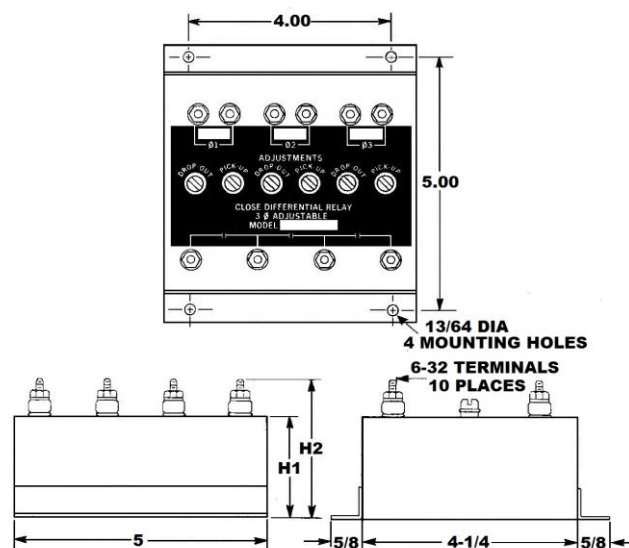
DESCRIPTION

The D101 Series relay is voltage sensitive. You can independently adjust the pick-up and drop-out voltage settings, which allows you to precisely set the differential voltage. A wide range of AC voltages are available. The primary application of the D101 Series relay is to sense and control transfer switches. When the voltage of all three input phases rises above the pre-set pick-up point the output contacts will close, and when one phase drops below its drop-out setting the contacts will open.



ELECTRICAL SPECIFICATIONS

Nominal Voltage	AC, Three Phase, see part number chart
Nominal Frequency	50 to 500 Hz
Pick-Up Adjust. Range	66-100% of nominal voltage
Drop-Out Adjust. Range	66-100% of nominal voltage
Contact Rating	5 amp. Resistive at 28 VDC or 120 VAC
Contact Form	SPNO
Temperature Range	-20° C to + 85° C
Power Consumption	120VAC: 2 VA max. 208VAC: 3 VA max. 240VAC: 3 VA max. 380VAC: 4 VA max. 480VAC: 4 VA max.



Notes

1. Remove screws for access to the pick-up and drop-out trip adjustments.
2. Clockwise rotation of the adjustment potentiometers will raise the voltage trip point.
3. The adjustments are by means of a single turn potentiometer. Use a small screwdriver and do not force beyond the limit stops.

Specifications subject to change without notice.

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