

D101X Series, 3 Phase Adjustable, Close Differential

Product Facts

■ ANSI/IEEE C37.90-1978

■ UL File No. E58048

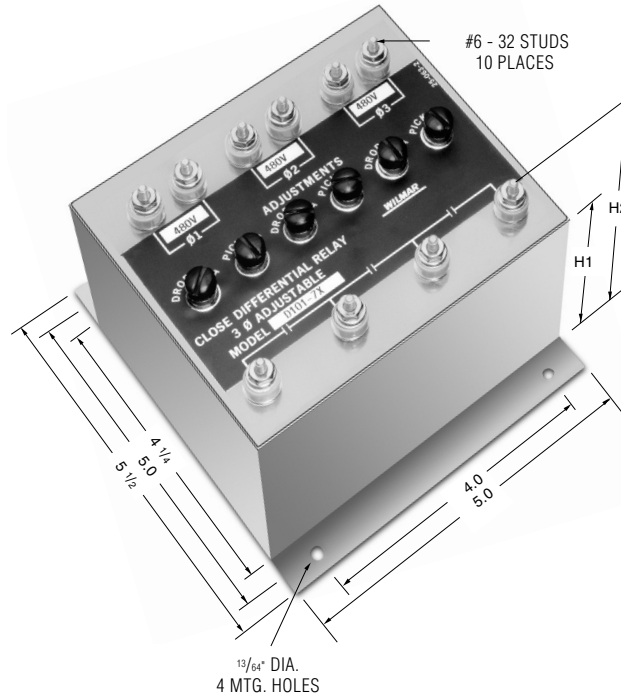
■ CSA File No. LR61158



Close Differential Relays are voltage sensitive. The pick-up and drop-out voltage settings are independently adjustable, which allows precise setting of the differential voltage. This relay is available in a wide range of AC voltages. Their primary application is the sensing and control of transfer switches.

Operation

The output contacts will close when the voltage of all three phases is above the pre-set pick-up point, and will open when any one phase drops below its drop-out setting.



Product Specifications

Nominal Voltage — AC, Three Phase, see Ordering Information

Nominal Frequency — 50 to 500 Hz.

Pick-Up Adjustment Range — 66-100% of nominal voltage, screw-driver adjustable

Drop-Out Adjustment Range — 66-100% of nominal voltage, screw-driver adjustable

Output Contacts — SPNO

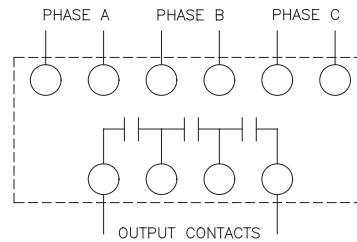
Contact Ratings — 5 amp resistive at 120 VAC or 28 VDC

Operating Temperature Range — -20°C to +85°C

Notes:

1. Remove screws for access to pick-up and drop-out trip adjustments.
2. Clockwise rotation of the pick-up and drop-out adjustment will raise the voltage trip point.

Note: Dimensions in inches. Multiply values by 25.4 for dimensions in mm.



Ordering Information

Sample Part Number ▶ **D101X**

Model: L-L Volts

- D101X = 120 VAC
- D101-6X = 208 VAC
- D101-4X = 240 VAC
- D101-10X = 380 VAC
- D101-7X = 480 VAC

Model	Power Consumption Each Phase	H1 (inches)	H2 (inches)
D101X	2 VA max.	2	2 11/16
D101-4X	3 VA max.	3 1/2	4 3/16
D101-6X	3 VA max.	3 1/2	4 3/16
D101-7X	4 VA max.	3 1/2	4 3/16
D101-10X	4 VA max.	3 1/2	4 3/16

Consult factory for additional models.