

**WILMAR™ Protective Relays – D101X Series,
3 Phase Adjustable, Close Differential**

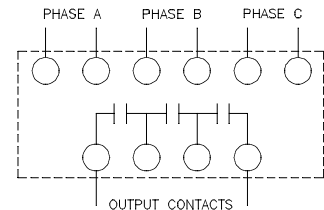
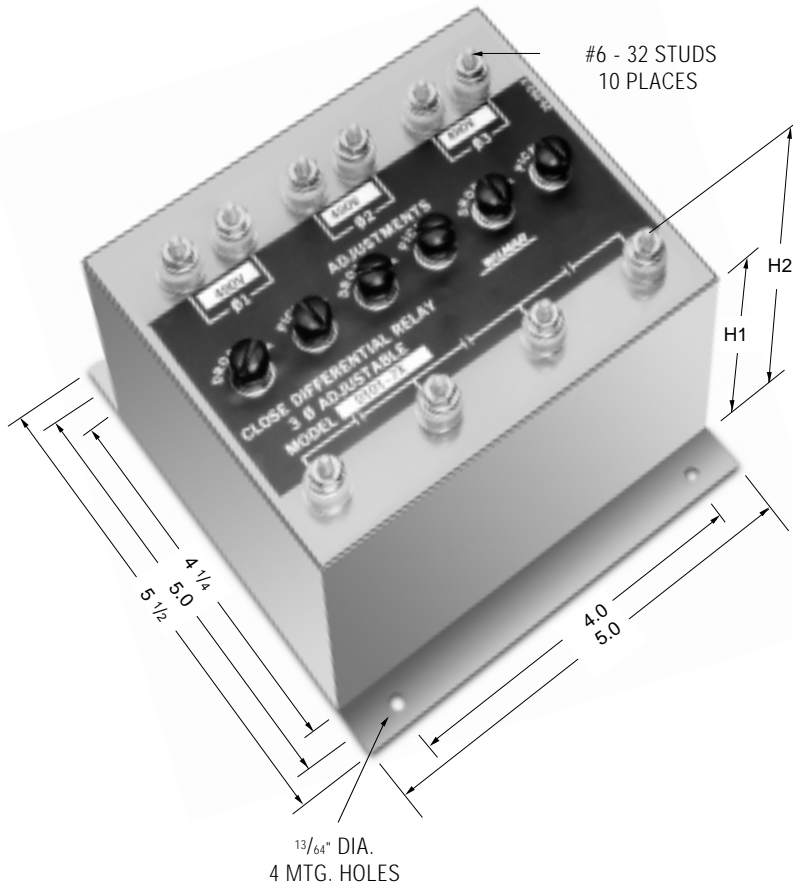
Function:

- 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.



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

PRODUCT SPECIFICATIONS

Part Number	D101X
Nominal Voltage	AC, Three Phase, see part number selection
Nominal Frequency	50 to 500 Hz.
Pick-Up Adjustment Range	66-100% of nominal voltage, screwdriver adjustable
Drop-Out Adjustment Range	66-100% of nominal voltage, screwdriver adjustable
Output Contacts	SPNO
Contact Ratings	5 amp resistive at 120 VAC or 28 VDC
Operating Temperature Range	-20°C to +85°C

PART NUMBER SELECTION

Sample Part No. **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

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.

Consult factory for additional models.