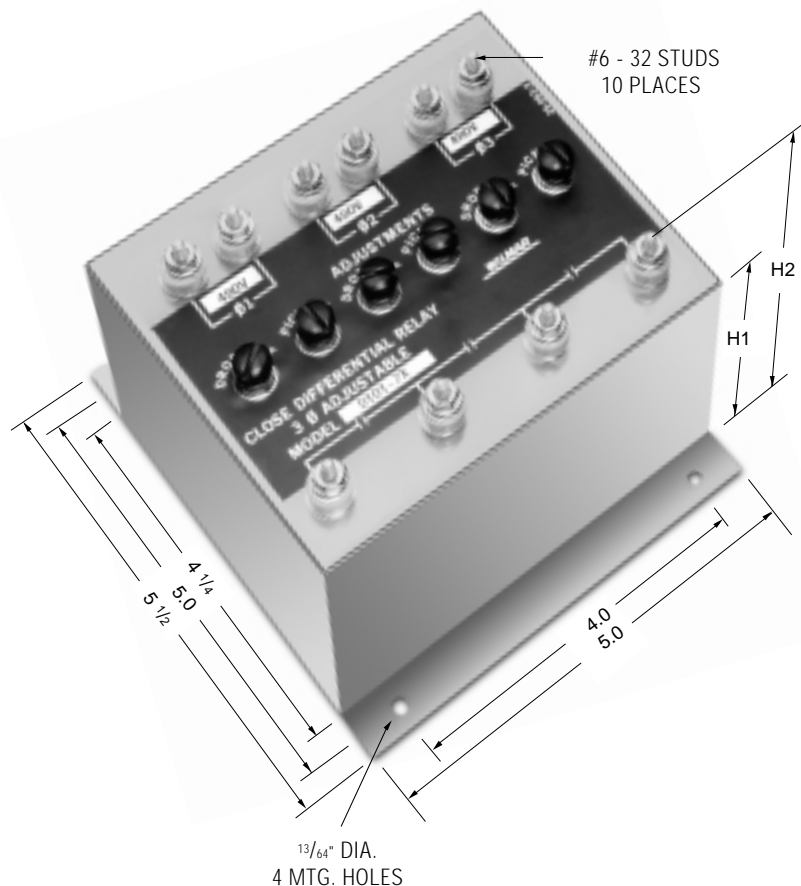


**WILMAR™ Protective Relays – D101X Series,  
3 Phase Adjustable, Close Differential**



**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

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

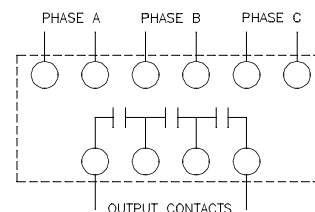
**Function:**

- 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.



**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

**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.

# Mouser Electronics

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[D101-18X](#) [D101-6X](#) [D101X](#)