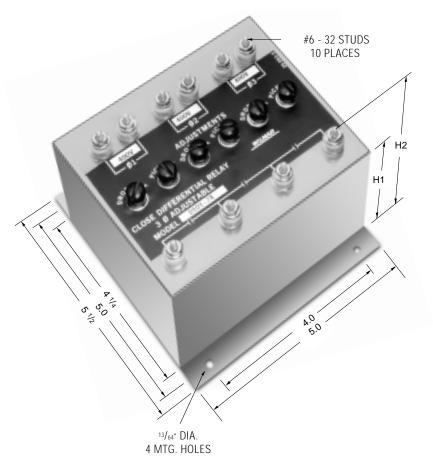


WILMAR™ Protective Relays – D101X Series, 3 Phase Adjustable, Close Differential



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	H1	H2
	Each Phase	(inches)	(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

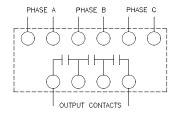
Function:

- 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:

- 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.