

FEATURES:

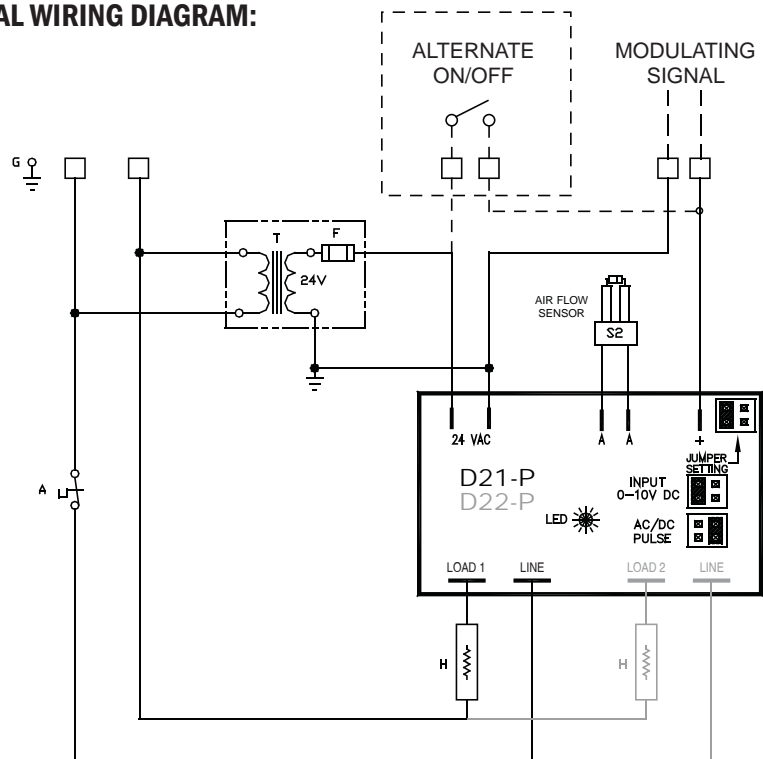
- 0-10V DC or AC/DC pulse input
- compatible with electronic Air Flow Sensor
- works with 24 VAC control voltage
- single Triac output up to 347 VAC for D21, two outputs for D22

LINE Voltage	Amperage	
	D21-P	D22-P
120V	16.7A	16.7A X 2
208V	12.5A	12.5A X 2
240V	12.5A	12.5 A X 2
347V	11.5A	11.5A X 2

The **D21** and **D22** electronic controllers have been designed to take full advantage of our patented Air-Flow Sensor which modulates the heater's capacity according to the quantity of air flowing through the heater by responding to the radiant heat of the elements even at very low CFMs. With normal airflow the controller will operate at full power. When the airflow drops below the minimum airflow, the controller will still operate but at reduced power. It will also safely shut down the heater in case of a total loss of airflow.

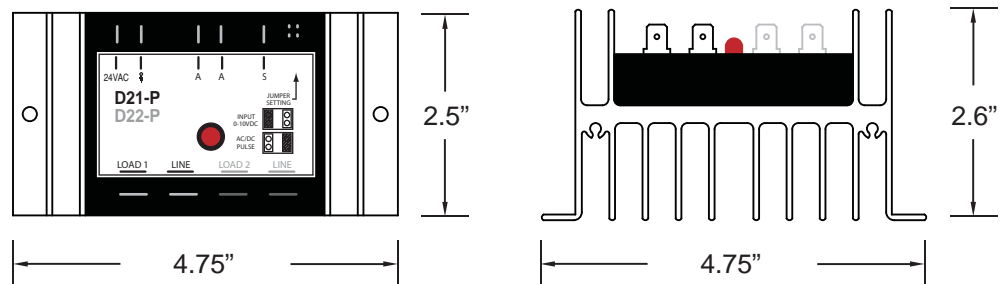
The 'P' versions of controllers such as D21-P, D22-P and D21-PS operate with an input signal of 0 - 10 VDC or AC/DC pulse. It is also possible to adapt the wiring to use a simple ON/OFF contact to turn the controller full on and off.

TYPICAL WIRING DIAGRAM:



To switch the input between 0-10 VDC and AC/DC pulse, simply remove and replace the jumper according to the label. The D21-P has a single output with a maximum load as listed in the table below. The D22-P is equipped with two outputs effectively doubling the capacity of the D21-P. In cases with even larger loads, a D21-PS may be used instead to drive up to 4 SSRs. The maximum load is then limited to the capacity of the Solid State Relays.

DIMENSIONS:



* dimensions are approximate and may change without notice