



The DLS-FP-500-120 Analog 0-10V controller enable the Dialog system to control a single FORWARD PHASE dimming load. The device receives a 0-10V signal from the Dialog system (WDB-3314 or WRC-#). This signal is then translated to an analog dimming to control forward phase dimming loads.\*Not compatible with reverse phase dimming loads

**DLS-FP-500-120:**  
1 Channel x 500 W Dimmer @ 120 VAC

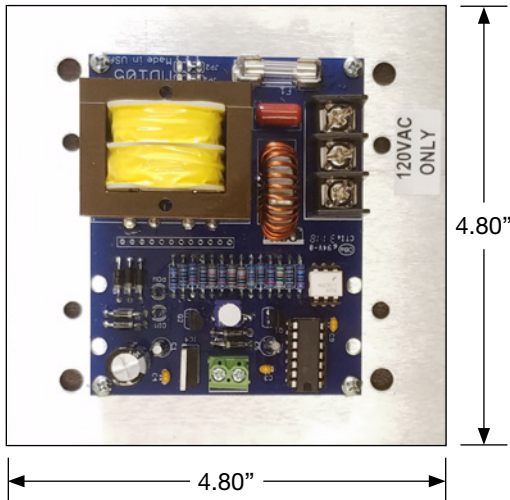


**Enclosure Installation**

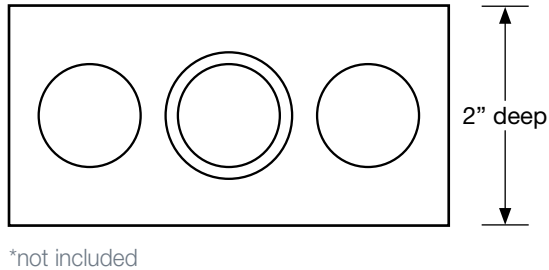
Surface mount the dimmer pack in a well ventilated area where the ambient temperature does not exceed 104° F for full load operation.

**DLS-FP-500-120 Dimensional Diagram:**

**Front Panel**



**Back Enclosure 2 Gang Electric Box**



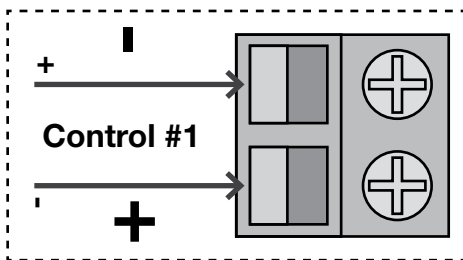
**DLS-FP-500-120 General Wiring Instructions:**

**Wiring Notes**

- DO NOT EXCEED 500 W (4 Amps. ) per each dimmer @ 120VAC.
- All wiring From control to dimmers is low voltage (NEMA Class 2)
- PD104-AN10 dimmer packs may be fed by one 20 A (maximum) branch circuit and may have up to Four separately dimmed loads.
- CAUTION: DO NOT attempt to parallel outputs to increase capacity.
- Installations must conform to local and/or NEC code

**DLS-FP-500-120 Typical Control Wiring:**

**Analog 0-10V Control Inputs**



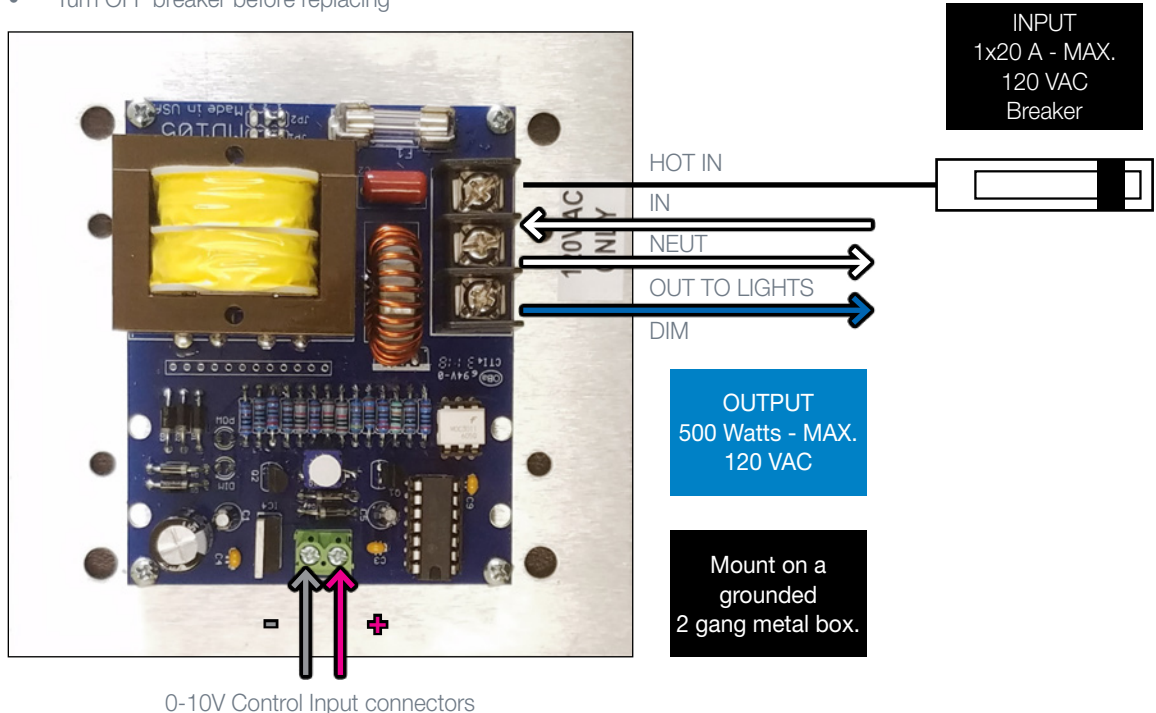
Control Input requirements: 10 VDC max sinking 1 mA

*Optional: Could be also controlled with 100 KOHM potentiometers*

**Figure 5 - DLS-FP-500-120 Typical 120 VAC Wiring.**

**CAUTION:**

- Fuse 5 Amps/250V; quick blow
- Turn OFF breaker before replacing



0-10V Control Input connectors

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