

# DLS-FP-500-120 - Forward Phase Dimmer (1x 500W @ 120)



Project Name: \_\_\_\_\_  
 Part Numbers: \_\_\_\_\_ Date: \_\_\_\_\_

## Features

- Designed for Architectural dimming from standard 0-10V wall dimmers or controllers
- Use with Dialog WDB-3314



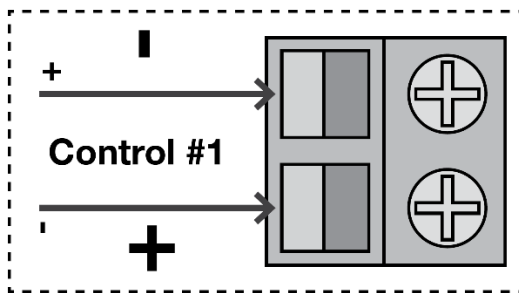
The DLS-FP-500-120 Analog 0-10V controller enable the Dialog system to control a single FORWARD PHASE dimming load. The device receives a 0-10V signal from the Dialog system (WDB-3314 or WRC-#). This signal is then translated to an analog dimming to control forward phase dimming loads. \*Not compatible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

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

PART NUMBER	DESCRIPTION
DLS-FP-500-120	1 Channel x 500 W Dimmer @ 120 VAC

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

- DO NOT EXCEED 500 W (4 Amps.) per each dimmer @ 120VAC.
- All wiring from control to dimmers is low voltage (NEMA Class 2)
- 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
- Analog 0-10V Control Inputs



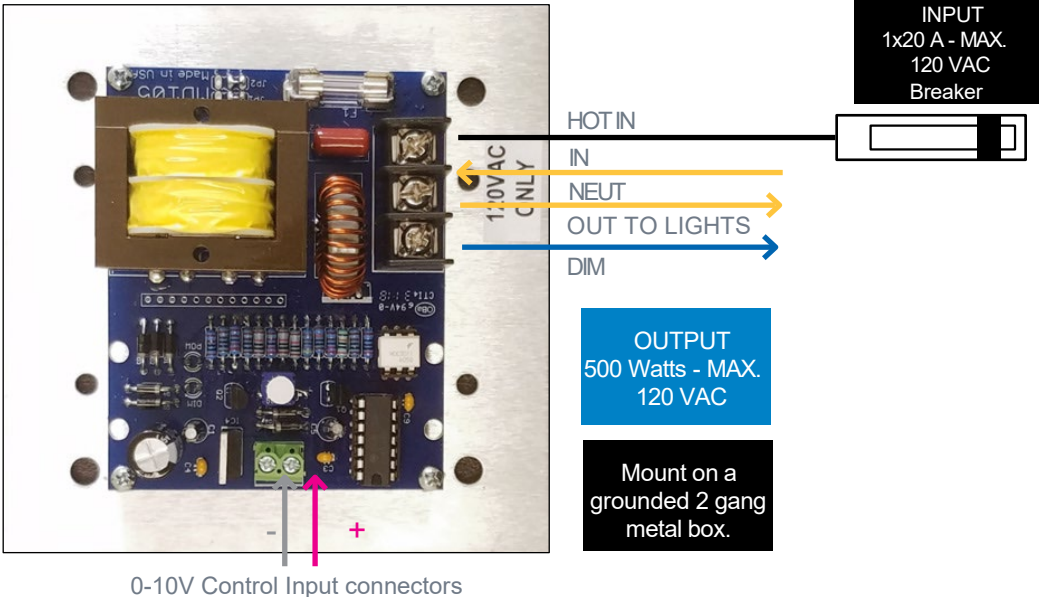
Control Input requirements: 10 VDC max sinking 1 mA

Optional: Could be also controlled with 100 KOHM potentiometers

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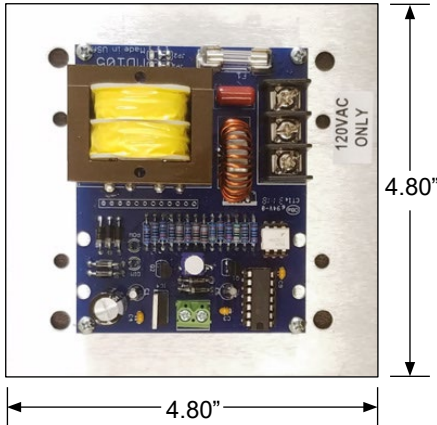
DLS-FP-500-120 Typical 120 VAC Wiring

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

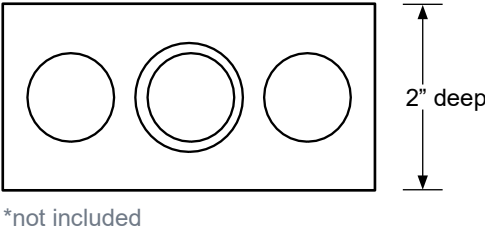


Dimensions  
Inches

Front Panel



Back Enclosure 2 Gang Electric Box



Technical Details

<b>FUNCTIONALITY</b>	• 8-button Bluetooth enabled wall switch station
<b>INPUT VOLTAGE</b>	• 0-10V
<b>APPROVALS</b>	• cULus
<b>ENVIRONMENT</b>	• Up to 104°F Operating Temperature
<b>WARRANTY</b>	• Standard 5-years

\*Patent Pending

Rev 8/24/2022

Douglas Lighting Controls