

Project Name: _____
Part Number: _____ **Date:** _____

Features

- 4 channel x 300 W dimmer or switch pack.
- Reverse phase, trailing edge, ELV
- Dimmer or switch selection with adjustable switch level.
- Universal dimmers for LED, fluorescent, low-voltage transformers.
- Simple to install and operate.
- Suitable for dimming LED and CFL bulbs

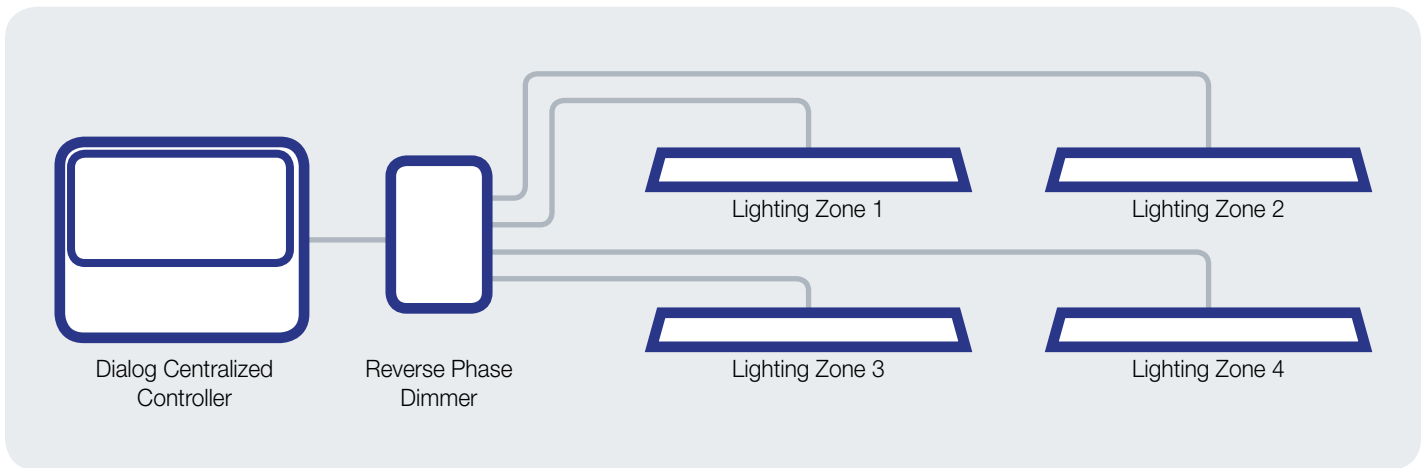


ASHRAE 90.1 Compliant

Douglas Lighting Control's® Reverse Phase Dimmer converts a 0-10V dimming signal to an Electronic Low Voltage (ELV) dimming output to control luminaires with ELV power supplies. One Reverse Phase Dimmer can control up to 4-channels of 300W loads at 120VAC. The Reverse Phase Dimmer accepts 4 x 0-10V inputs and 4 x fixed line voltages. Using the Reverse Phase Dimmer, lighting loads such as LED bulbs, fluorescent lighting fixtures and low voltage transformers can be dimmed from Douglas' standard Lighting Control Panels or Dialog® Room Controller.

By using the Reverse Phase Dimmer, lighting loads which are not compatible with forward phase dimming modules can now be controlled. Compatibility with both Dialog Lighting Control Panels and Dialog Room Controllers make it an ideal solution for when dimming is required for line voltage lighting.

PART NUMBER	DESCRIPTION
DLS-RP-4300-120	0-10V Analog Control, Reverse Phase, Trailing Edge, 4 Channel x 300 W Dimmer & Switch Packs, Analog 0-10V



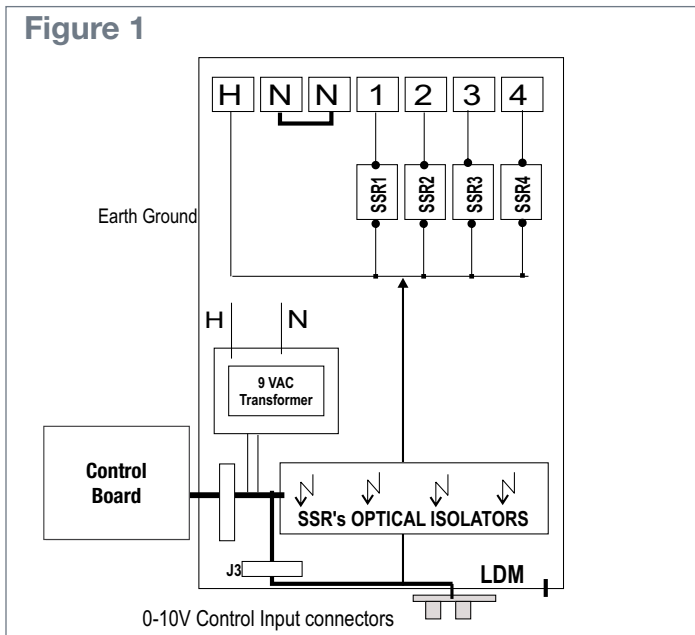
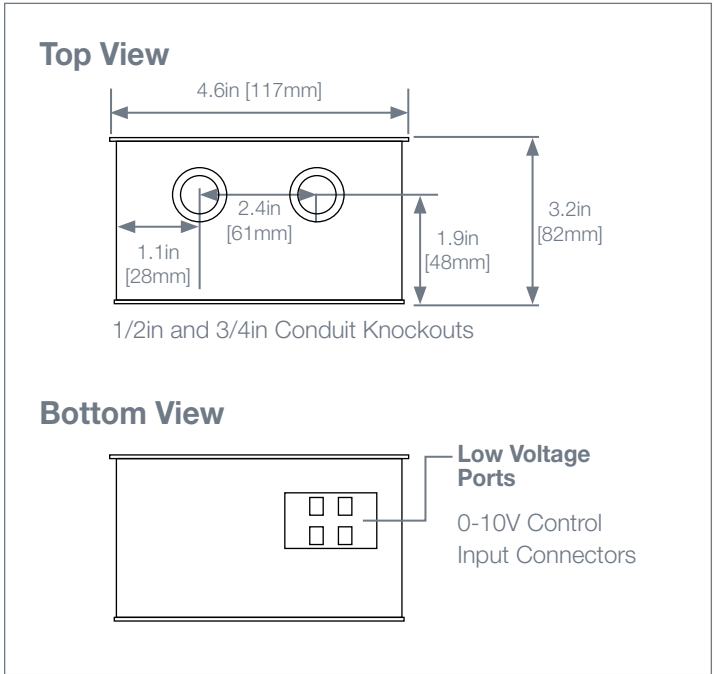
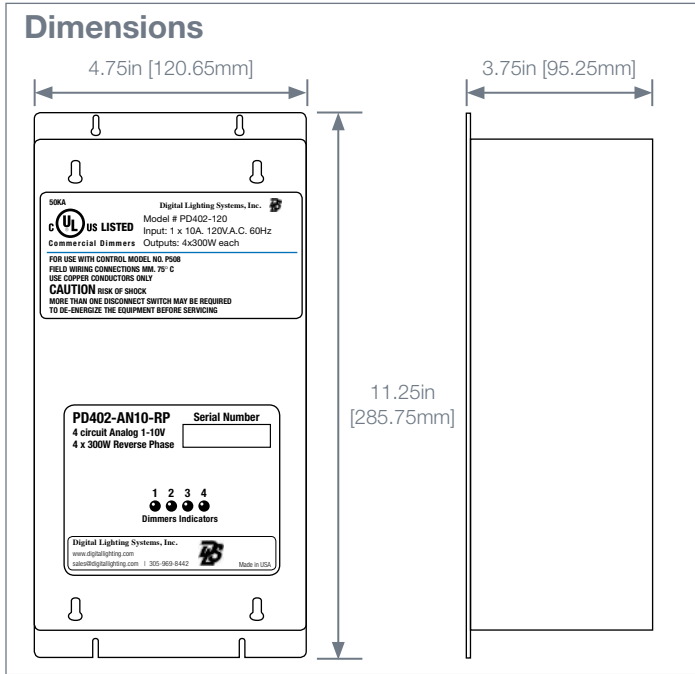
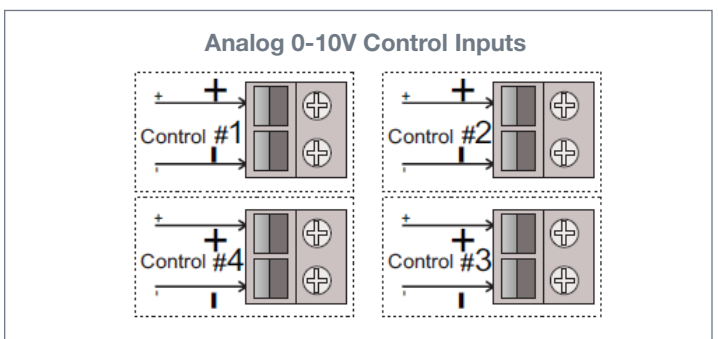


Table 1 - Terminals Definition

NAME	DESCRIPTION
1	Output Of Solid-State Relay #1
2	Output Of Solid-State Relay #2
3	Output Of Solid-State Relay #3
4	Output Of Solid-State Relay #4
H	Hot Line Feed For Relays 1, 2, 3 & 4.
N	Neutral Bus Connections.



INPUT	<ul style="list-style-type: none"> 120VAC, 15A Max., 60Hz
OUTPUT	<ul style="list-style-type: none"> 4 x 300W, 2.5A Max
DIMMING	<ul style="list-style-type: none"> Current draw: 1mA Response range: 1V=0%, 10V=100% 0-10V analog signal from a sinking controller
INSTALLATION	<ul style="list-style-type: none"> Do not attempt to parallel outputs to increase capacity Installation must conform to local and/or NEC requirements Each load must have its own neutral wire for full load operation All line voltage wires must be copper conduct of adequate gauge rated to a minimum of 90° C insulation Power each load directly before connecting it to the Dimmer Pack to ensure proper wiring #12 AWG copper conductor wire for Line & Neutral Feeds. #14 AWG copper conductors to each load. Follow N.E.C. requirements Max. Per Load: 2.5 Amperes (300 W at 120 VAC).
ENVIRONMENT	<ul style="list-style-type: none"> Indoor, stationary, non-vibrating, non-corrosive atmosphere and non-condensing humidity Ambient operating temperatures: 32F to 102F (0C to 38C) Plenum rated
WEIGHT	<ul style="list-style-type: none"> 2.124lbs (0.963kg)