

0-10V Reverse Phase Power Extender



DESCRIPTION

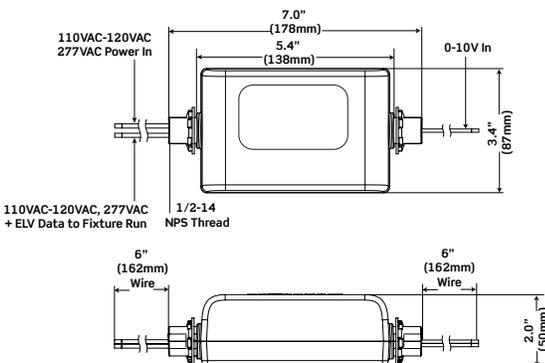
The Leviton 0-10V Reverse Phase Power Extender (PE500) converts a 0-10V dimming signal to control a fixed line voltage output. One PE500 is used per fixture run up to the maximum wattage of 450W with a 120V load and up to 1,000W on a 277V load. The PE500 mounts directly into a junction box and is plenum rated for easy installation.

Compatible with: Illumatech IP710, Renoir™ II AWSMT-7, Decora Digital, GreenMax® Dimming Relays, Sector® Relay, Provolt™ Photocells, Provolt Room Controller, Dimming High Bay Sensor (HB011), Low Voltage Dimming Photocell (ODCOP-D0W) and other devices providing a 0-10V sinking control signal.

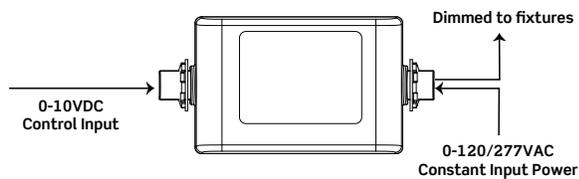
FEATURES

- Converts 0-10V sinking control signals to 120/277V reverse phase control
- Direct J-box mountable
- 120V and 277V compatible
- Auto-sensing voltage switch
- 450W @ 120V, 1,000W @ 277V
- Plenum rated
- One PE500 per fixture run

DIMENSIONS



WIRING DIAGRAM



0-10V Reverse Phase Power Extender

SPECIFICATIONS

ELECTRICAL	
Power Rating	450W Max @ 110-120V, 1,000W Max @ 277V
Max Current to Dimmer	7mA
Max Fixture Run Length	Calculate maximum run per PE500 unit based on the power consumption of the fixture used
Operating Voltage	110VAC-120VAC, 277VAC auto-sensing voltage switch
Operating Hertz	60Hz
CONTROL	
Dimming	110-120VAC; ELV - RP; converted from 0-10VDC controller, 277VAC; ELV - RP; converted from 0-10VDC controller
PHYSICAL	
Dimensions	3.4" (87mm) W x 2" (50mm) H x 7" (178mm) L
Housing/Lens	Injection molded polycarbonate
Connectors	Lead wire 6" from conduit
Weight	0.99lbs (0.45kg)
Environment	ETL damp location
Mounting	Conduit mounting for both sides
ENVIRONMENT	
Startup & Operating Temperature	-4 - 104°F (-20 - 40°C)
Storage Temperature	-40 - 176°F (-40 - 80°C)
OTHER	
Listings	ETL/cETL damp locations, RoHS compliant
Warranty	The manufacturer warrants that, for two years from the date of shipment to Customer, each PE500 will be free from any defects in materials and workmanship which causes the product to fail to operate in accordance with the products' performance specifications as they exist at the time of shipment, as long as it is used with LED Lighting fixtures with a Power Factor of > 0.9 and a THD of 20% or less.

ORDERING INFORMATION

CAT. NO.	DESCRIPTION:
PE500-D0E	0-10V Reverse Phase Power Extender

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Visit our Website at: www.leviton.com/architecturalcontrols

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