

PE200-1/PE200-7 Power Extenders



DESCRIPTION

The Leviton PE200-1 Power Extenders allow a dimming zone's power handling capacity to be extended to a full 1920W/VA on 120V input power. The PE200-1 drives 120V Advance Mark 10™ or equivalent dimmable fluorescent ballasts only.

The PE200-7 allows a dimming zone's power handling capacity to be extended to a full 3000VA on 77V input power. The PE200-7 drives 277V Advance Mark 10™ or equivalent dimmable fluorescent ballasts.

FEATURES

- Works with Mark 10 or Hi-Lume® 120V
 - PE200-1, 277V
 - PE200-7, dimmable ballasts
- Low-end trim available for setting the minimum brightness level
- Emulates the characteristics of the dimmer that it is connected to for dimming range and resolution
- Works with any Dimensions® Multi-Zone Controller/Dimmer when zone is set-up as a fluorescent dimmer to extend load capacity on any zone

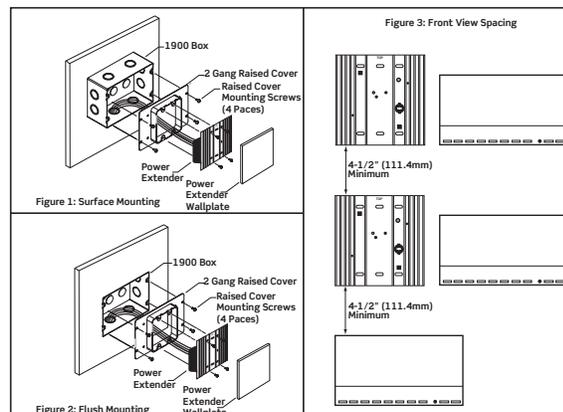
Note: Zone must be set-up for incandescent load for Hi-Lume ballasts. Mark 10 is a trademark of the Advance Transformer Company. Hi-Lume is a registered trademark of Lutron Electronic Co., Inc.



MOUNTING

All Power Extenders must have 4-1/2" spacing above and below each unit for proper ventilation and heat dissipation (refer to figure 3). Line voltage wiring should be at least 6ft away from sound or electronic equipment wiring. Mount Power Extender to wallbox with TOP facing up as follows: For wallbox mounting (refer to figure 1), for flush mounting (refer to figure 2) and for panel mounting (not shown), proceed as follows:

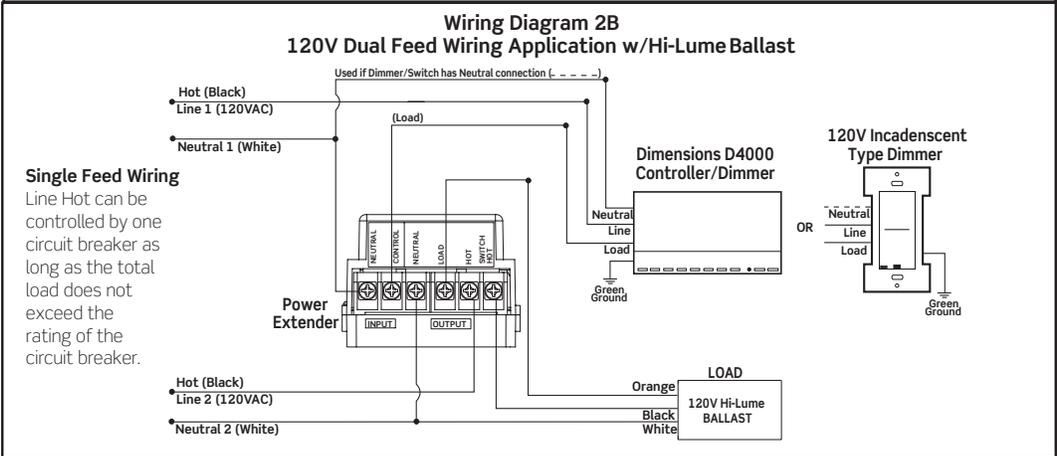
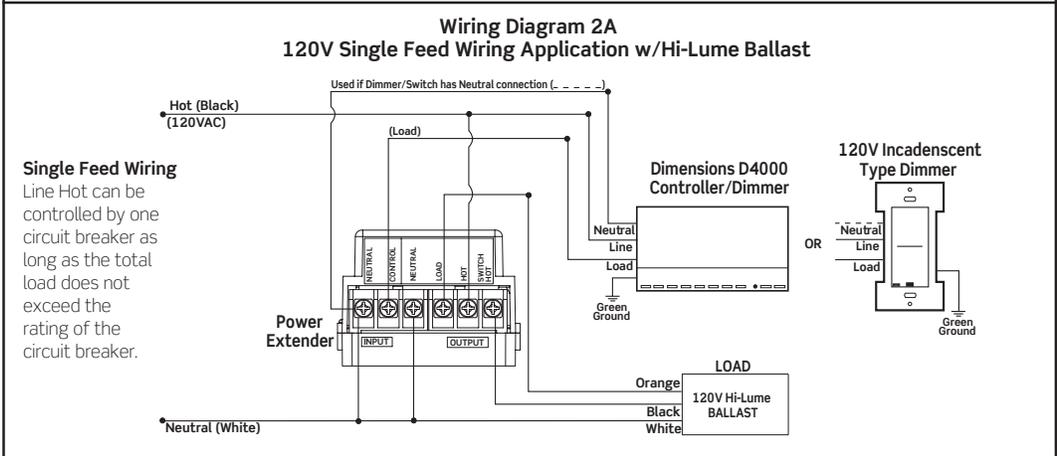
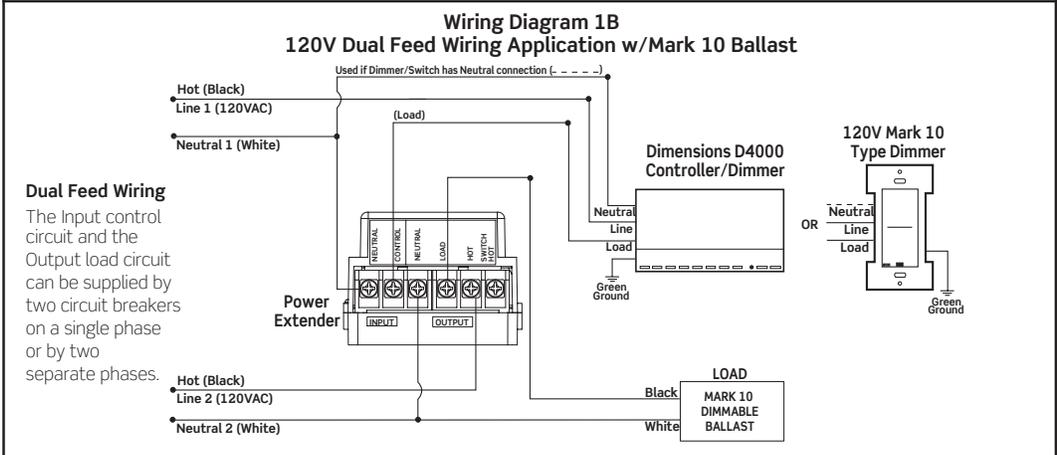
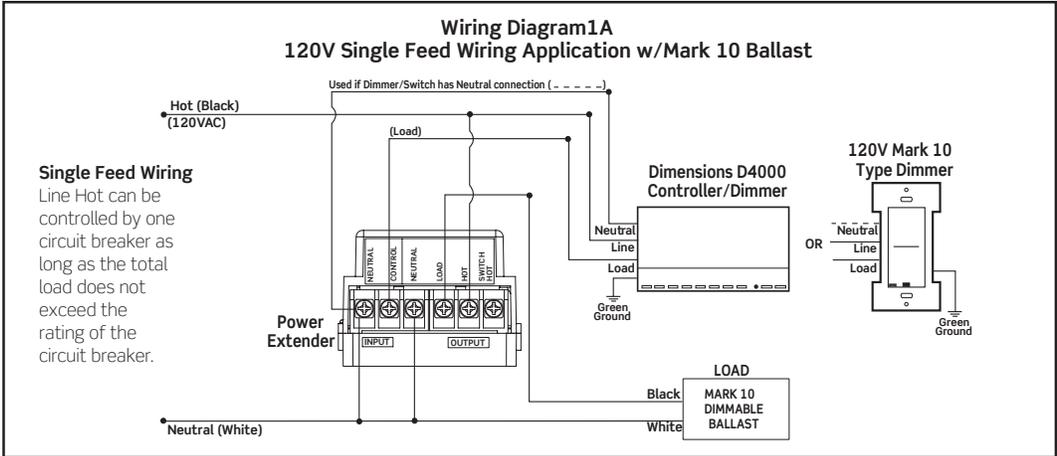
- The enclosure must be in accordance with all local and national electrical codes
- Leviton **does not** recommend using a door to enclose the front of a panel, this restricts airflow to the controls
- If mounting multiple controls in an enclosure:
 - Ambient temperature within an enclosure **must** remain between 32-104°F (0-40°C).
 - If not mounting in a metal enclosure, all units **must** be mounted in a wall box.
- To improve heat dissipation of controls, remove the faceplate from the unit



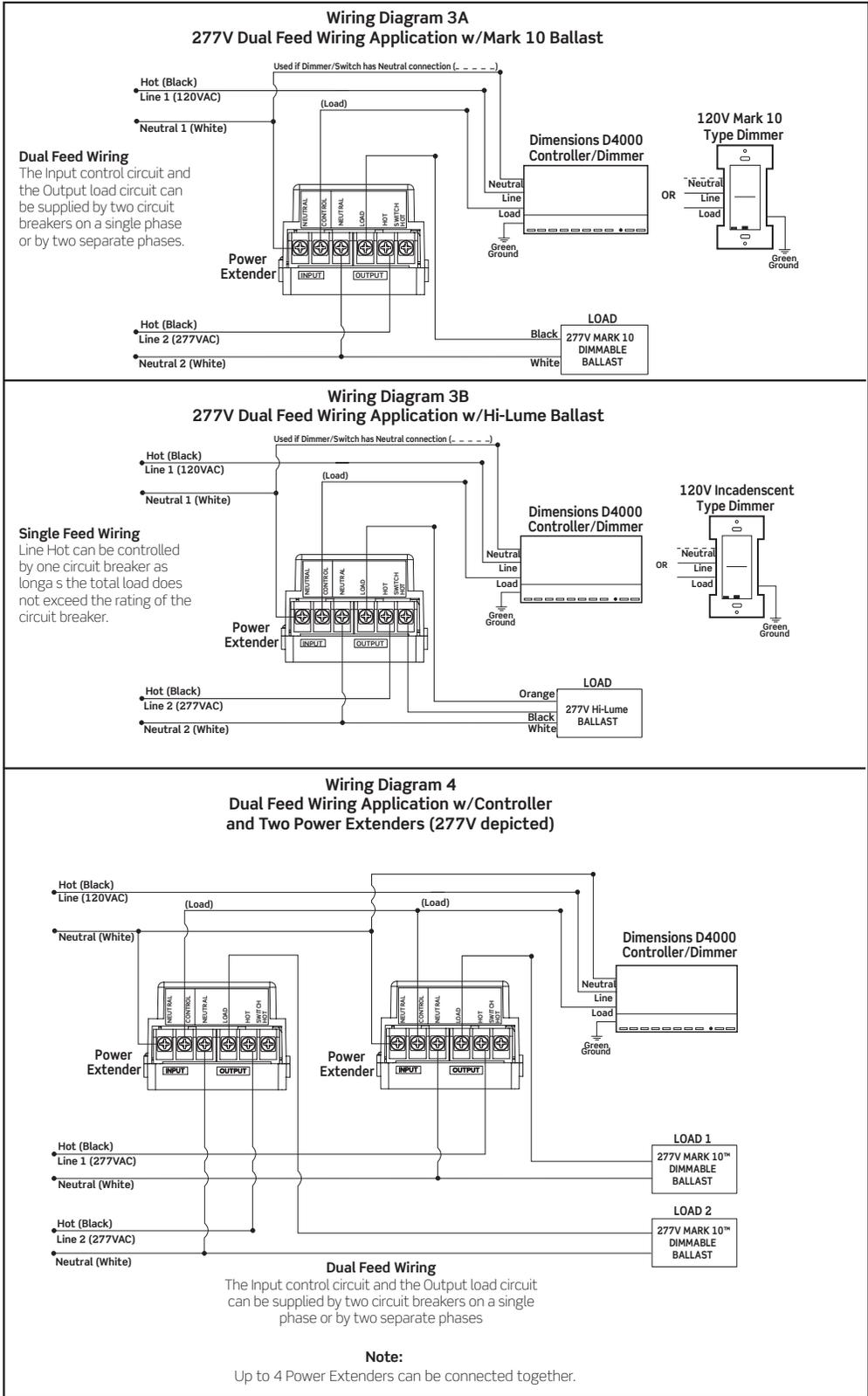
PRODUCT DATA

WIRING DIAGRAMS

PE200-1/PE200-7 Power Extenders



WIRING DIAGRAM, CONT'D



PE200-1/PE200-7 Power Extenders

PRODUCT DATA

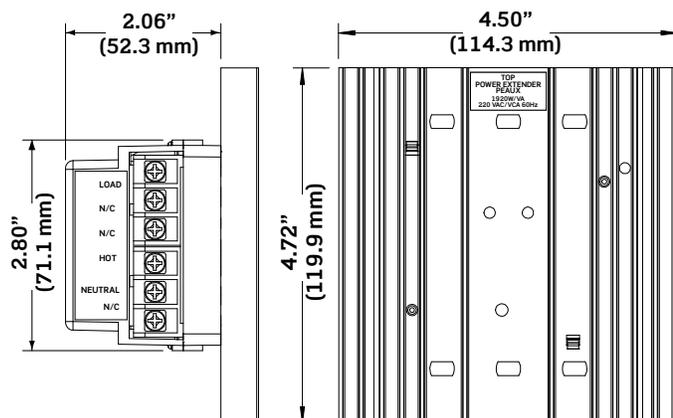


COMPATIBILITY

- For box-mounted dimmers: use a 120V, 600VA Mark X version
- For dimmers that include a neutral wire (such as some scene-capable dimmers): the dimmer neutral wire must be connected
- For architectural systems: works with all families

Note: An incandescent dimmer must be used for Hi-Lume ballasts

DIMENSIONS



SPECIFICATIONS

ELECTRICAL	PE200-1	PE200-7
Input Voltage	120V, 50/60 Hz	277V 50/60 Hz
Load Rating	960VAC 120VAC LED, 1920VA@120VAC Fluorescent	1500VA 277VAC LED, 3000VA@277VAC Fluorescent
Load Output Power	Phase independent of control device	
Dimmer Input	120V 50/60 Hz	
ENVIRONMENTAL		
Operating Temperature Range	32-104°F (0-40°C)	
Storage Temperature Range	14-185°F (-10-85°C)	
Relative Humidity	20-90% non-condensing	
PHYSICAL		
Size	4.72"L x 4.5"W x 0.5"H (120mm x 114mm x 12.7mm)	
Color	Aluminum clear anodized extruded heat sink with a snap-on molded white cover	
OTHER		
Listings	UL listed, CSA certified and FCC Part 15	
Warranty	Limited 2-Year Warranty	

ORDERING INFORMATION

CAT. NO.	DESCRIPTION
PE200-10W	Power Extender, Mark X, 120V, 1920W/VA
PE200-70W	Power Extender, Mark X, 277V, 3000W/VA

Leviton Manufacturing Co., Inc. Energy Management, Controls and Automation

20497 SW Teton Avenue, Tualatin, OR 97062 tel 800-736-6682 fax 503-404-5594 tech line (6:00AM-4:00PM PT Mon-Fri) 800-959-6004

Leviton Manufacturing Co., Inc. Global Headquarters

201 North Service Road, Melville, NY 11747-3138 tel 800-323-8920 fax 800-832-9538 tech line (8:30AM-7:00PM ET Mon-Fri) 800-824-3005

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

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