

**LEVITON UPB™ POWERLINE PHASE COUPLER**  
 Cat. No. 39A00-1  
**Installation Instructions and User's Guide**



DI-021-HL391-05AAR2243  
 (39100-1)

**INSTALLATION**

**ENGLISH**

**WARNINGS AND CAUTIONS**

- **TO AVOID FIRE, SHOCK, OR DEATH; TURN OFF POWER** at circuit breaker or fuse and test that power is off before wiring!
- To be installed and/or used in accordance with appropriate electrical codes and regulations.
- If you are unsure about any part of these instructions, consult an electrician.

**WARNINGS AND CAUTIONS**

- Use this device with **copper or copper-clad wire only**.
- For indoor use only.
- **SAVE THESE INSTRUCTIONS.**

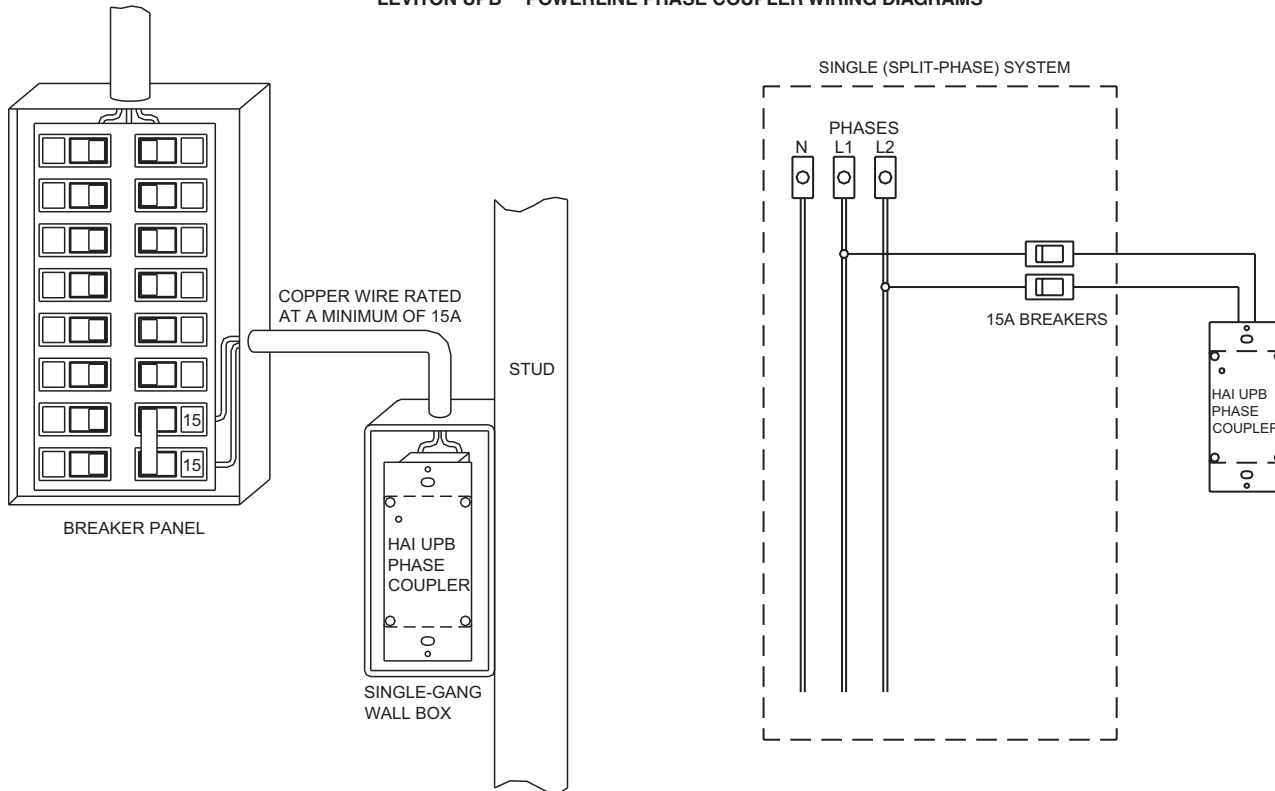
**DESCRIPTION**

The Leviton UPB™ Powerline Phase Coupler is used to couple the UPB™ powerline signal from one phase to another (i.e. Line 1 to Line 2) to ensure adequate signal strength in larger homes. Although the UPB™ protocol is extremely robust and less susceptible to powerline conditions, Leviton recommends the use of a UPB™ Powerline Phase Coupler in every installation.

**INSTALLATION INSTRUCTIONS**

1. **TO AVOID FIRE, SHOCK, OR DEATH; TURN OFF POWER** at circuit breaker or fuse and test that power is off before wiring!
2. Remove 3/4" of insulation from each of the black wires on the Leviton UPB™ Powerline Phase Coupler.
3. Install a 15A circuit breaker in the breaker panel on Line 1 (phase 1) and connect it to one of the black wires on the Leviton UPB™ Powerline Phase Coupler using copper wire rated at a minimum of 15A. Secure connection with supplied wire connectors.
4. Install a 15A circuit breaker in the breaker panel on Line 2 (phase 2) and connect it to the other black wire on the Leviton UPB™ Powerline Phase Coupler using copper wire rated at a minimum of 15A. Secure connection with supplied wire connectors.
5. After all connections have been made, be certain that all wire connectors are firmly attached and there is no exposed copper.
6. Install Leviton UPB™ Powerline Phase Coupler into a standard single-gang electrical wall box with the LED at the top, and screw in place.
7. Before installing the faceplate, restore power to the main breaker panel.
8. After verifying that the red power LED is illuminated, install a blank faceplate onto the wall box.

**LEVITON UPB™ POWERLINE PHASE COUPLER WIRING DIAGRAMS**



**FOR CANADA ONLY**

For warranty information and/or product returns, residents of Canada should contact Leviton in writing at **Leviton Manufacturing of Canada Ltd to the attention of the Quality Assurance Department, 165 Hymus Blvd, Pointe-Claire (Quebec), Canada H9R 1E9** or by telephone at **1 800 405-5320**.

**LEVITON LIMITED WARRANTY**

Leviton warrants to the original consumer purchaser and not for the benefit of anyone else that products manufactured by Leviton under the Leviton brand name ("Product") will be free from defects in material and workmanship for the time periods indicated below, whichever is shorter: • **OmniPro II and Lumina Pro**: three (3) years from installation or 42 months from manufacture date. • **OmniLT, Omni Ite, and Lumina**: two (2) years from installation or 30 months from manufacture date. • **Thermostats, Accessories**: two (2) years from installation or 30 months from manufacture date. • **Batteries**: Rechargeable batteries in products are warranted for ninety (90) days from date of purchase. **Note**: Primary (non-rechargeable) batteries shipped in products are not warranted. **Products with Windows® Operating Systems**: During the warranty period, Leviton will restore corrupted operating systems to factory default at no charge, provided that the product has been used as originally intended. Installation of non-Leviton software or modification of the operating system voids this warranty. Leviton's obligation under this Limited Warranty is limited to the repair or replacement, at Leviton's option, of Product that fails due to defect in material or workmanship. Leviton reserves the right to replace product under this Limited Warranty with new or remanufactured product. **Leviton will not be responsible for labor costs of removal or reinstallation of Product.** The repaired or replaced product is then warranted under the terms of this Limited Warranty for the remainder of the Limited Warranty time period or ninety (90) days, whichever is longer. This Limited Warranty does not cover PC-based software products. **Leviton is not responsible for conditions or applications beyond Leviton's control. Leviton is not responsible for issues related to improper installation, including failure to follow written Installation and operation instructions, normal wear and tear, catastrophe, fault or negligence of the user or other problems external to the Product.** To view complete warranty and instructions for returning product, please visit us at [www.leviton.com](http://www.leviton.com).

Use herein of third party trademarks, service marks, trade names, brand names and/or product names are for informational purposes only, are/may be the trademarks of their respective owners; such use is not meant to imply affiliation, sponsorship, or endorsement.

WEB VERSION