

# LEVITON OMNI-BUS POWER SWITCH DIN RAIL

## CAT. NO. 111A00-1

### Installation Instructions and User's Guide

DI-021-OB111-08A  
(111100-1)

#### 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!
- If you are unsure about any part of these instructions, consult an electrician.
- **SAVE THESE INSTRUCTIONS.**

#### SPECIFICATIONS

- 10 A @ 30 V
- Bus side supply voltage: 15-24VDC (via bus network cable)
- Bus side supply current: 50mA maximum
- Memory capacity (linked devices): 24
- Ambient Temperature: 0 – 40 °C (32 – 104 °F)
- Ingress Protection: IP20
- Dimensions: 70mm (width) x 58mm (height) x 86mm

#### INSTALLATION

- The Power Switch unit should only be installed by a suitably qualified person
- Power Switch units should be installed in a suitable distribution box fitted with 35mm din rail
- Ensure that the mains power has been switched off before commencing installation
- All mains wiring should be done in accordance with local authority wiring regulations
- A safe isolation distance should be kept between all mains wiring and the Bus network cable
- Always Isolate the power switch from the mains supply before performing a Megger test on the electrical installation
- See the Leviton Omni-Bus Network Installation Guide for more information on the Bus network wiring

#### SETUP

- To link an Omni-Bus Wall Switch button to the power switch without using the Leviton OMNIBUS installation software:
  - Enter program mode by pressing and holding the power switch pushbutton until the LED starts flashing amber
  - Press and hold the wall switch button until the wall switch LED flashes at a faster rate
  - Press and release the power switch pushbutton to exit program mode
- Setup from OMNIBUS installation software:
  - Enter the power switch unit setup by double clicking on the device in the device list after a LIST DEVICES
  - Use the Links Tab to link input devices (wall switches and remote controls) to the power switch

#### OPERATION

- Press and release the unit pushbutton or external pushbutton to toggle output
- Operation from an Omni-Bus Wall Switch:
  - Press and release wall switch button to toggle output
- The power switch will automatically shut down (output turned off) when a fault condition is detected (see Status LED)

#### STATUS LED

- **Constant Green:** Output switched OFF
- **Constant Red:** Output switched ON
- **Flashing red:** Indicates fault condition
  - **1 Flash:** Supply voltage not present
  - **2 Flashes:** Load short circuit condition detected during switch on
- **Flashing amber:** Program mode active

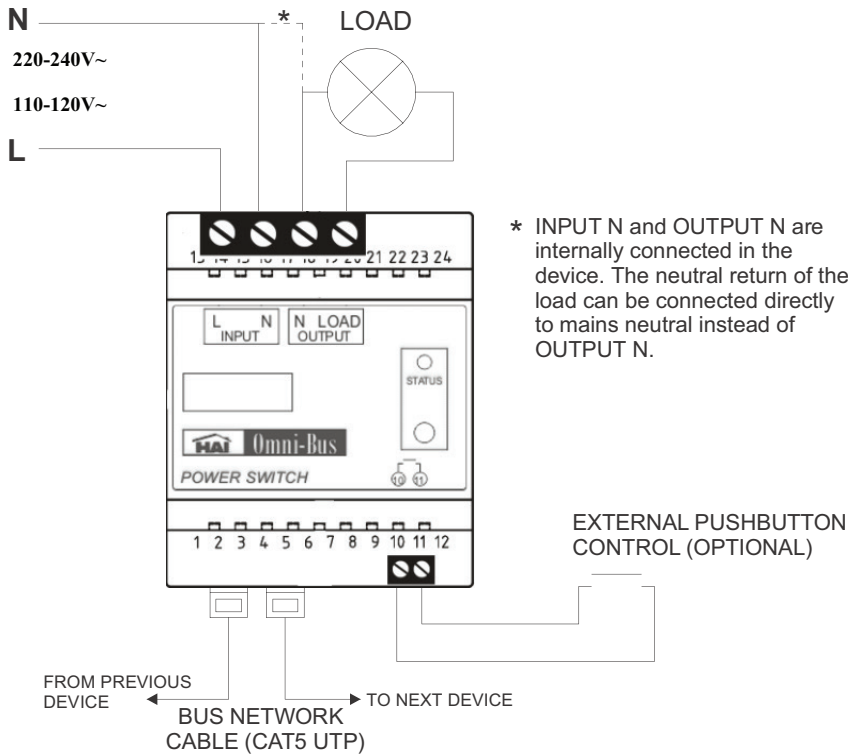
#### FOR CANADA ONLY

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 ILE, 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).

## WIRING DIAGRAM



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### FCC Compliance

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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