LEVITON

omni-bus™
RF Transceiver DIN Rail Module – 115A00-1

FEATURES AND BENEFITS

Wireless transceiver for use with Omni-Bus wireless wall station interfaces including 113A00-2, 113A00-4 and 113A00-7, and keyfob remotes 125A00-1 and 125A00-2. This transceiver can also be used to provide expanded wireless range for the Omni-Bus network. Multiple RF transceivers can be used in one Omni-Bus system for expanded wireless range.

APPLICATION

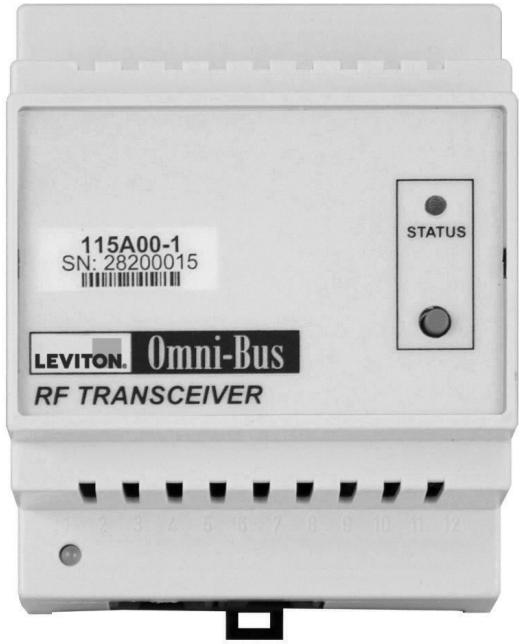
Omni-Bus is a distributed control system for lights, shades, fans, shutters, pumps, and more. Utilizing the worldwide DIN rail standard for mounting, Omni-Bus controls CFL, LED, electronic low voltage, Halogen, and incandescent lighting. Output devices are rated for 110/220/240V 50-60Hz markets unless otherwise noted. All wall stations are 24VDC and below. Modular Omni-Bus components can be located where needed to save wiring and installation costs. Elegant, multi-button programmable wall stations eliminate the expense of in-wall high voltage wiring to multi-way switches.

HOW DOES IT WORK?

All modules in an Omni-Bus system are connected together using a low voltage Cat5 UTP bus. The electronics in each module are powered by the bus. High voltages in output modules are optically isolated from the bus. Buttons on wired or wireless wall stations can be configured to operate any Omni-Bus load or scene. Omni-Bus architecture includes low cost splitters and T-connections for ease of installation and expandability. Omni-Bus network can be star, hub and spoke, daisy chain or a combination. Splitters allow for a free topology architecture. Versatility that's perfect for small businesses, featuring the benefits of central lighting control with the flexibility of distributed control systems.

SPECIFICATIONS

- Bus side supply voltage: 15-24VDC (via bus network cable)
- Bus side supply current: 50mA maximum
- Ambient Temperature: 0 – 40 °C (32 – 104 °F)
- Ingress Protection: IP20
- Memory capacity (linked devices): 56
- RF Frequency: 433.92MHz
- Transmit Range: Up to 30m (98 feet).



AGENCY STANDARDS AND COMPLIANCE

FCC/IC, CE, C-TICK, ETL.

WARRANTY INFORMATION

Two-Year Limited Warranty

DIMENSIONS:

Length: 70mm, Width: 58mm, Depth: 86mm

Leviton Security & Automation
4330 Michoud Blvd., New Orleans, Louisiana, 70129 • Telephone: 1-504-736-9810 • Fax: 1-504-253-2954

Leviton Mfg. Co., Inc.
201 North Service Road, Melville, NY 11747 Tech Line: 1-800-824-3005 Fax: 1-800-832-9538 www.leviton.com
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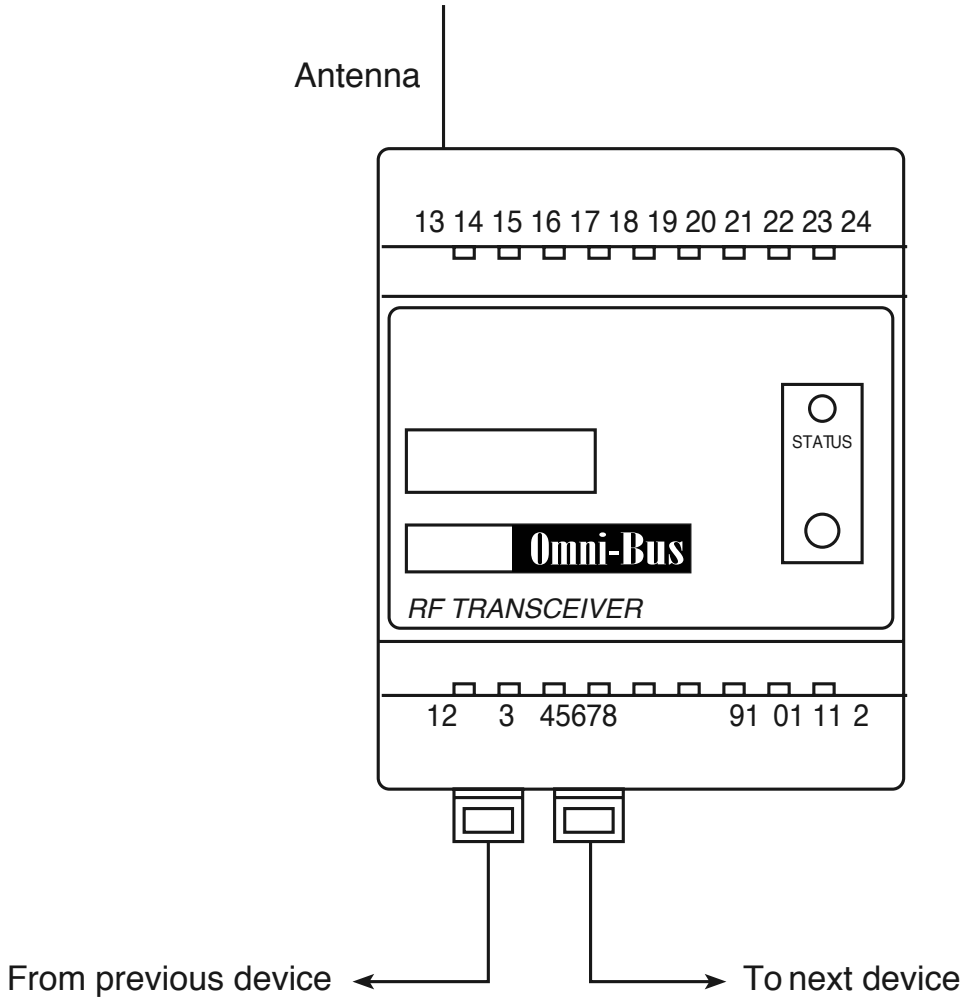
WIRING DIAGRAM



BUS NETWORK CABLE (CAT5 UTP)

ORDERING INFORMATION

CAT. NO.	DESCRIPTION	SUPPLEMENTAL PART #
115A00-1	RF Transceiver DIN Rail Module	OB151-000

Leviton Manufacturing Co., Inc.
201 North Service Road, Melville, NY 11747-3138
Telephone: 1-800-323-8920 • Fax: 1-800-832-9538 • Tech Line: (8:30AM-7:00PM E.T. Monday-Friday): 1-800-824-3005

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