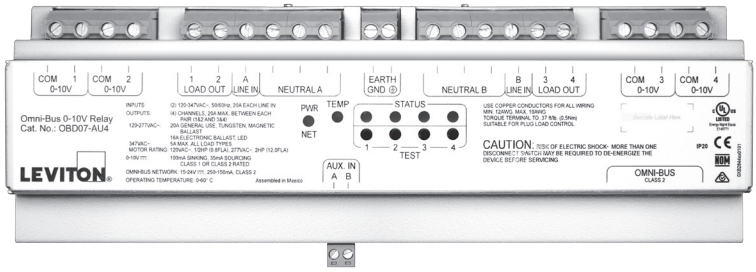
PRODUCT DATA

LEVITON

Omni-Bus

Omni-Bus 0-10V DIN Rail Dimmer Module



DESCRIPTION

Omni-Bus is a distributed control system designed for small commercial applications, combining the benefits of centralized lighting control with the flexibility of distributed control systems. 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 120-347VAC and 50/60Hz markets unless otherwise noted. 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.

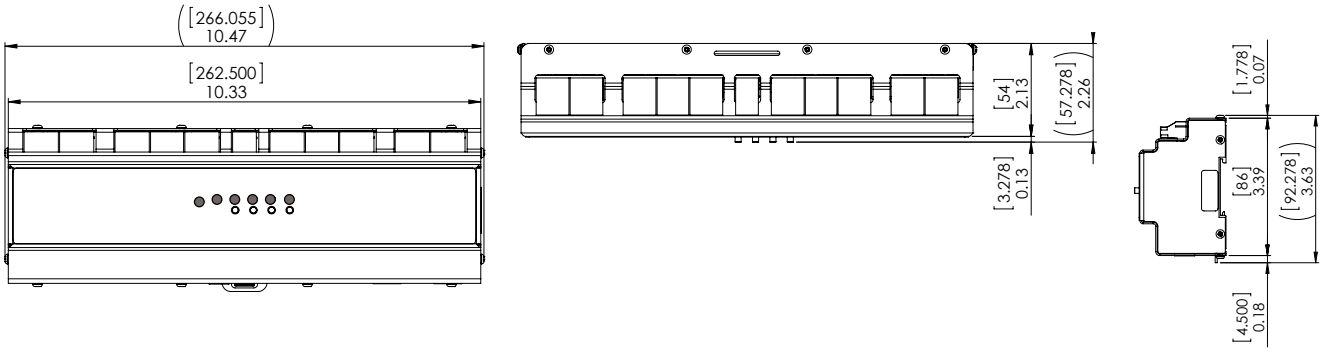
APPLICATIONS

- Offers the option of programming as either a centralized or distributed control system for a broad range of lighting control applications—unparalleled flexibility
- Controls CFL, LED, electronic low voltage, Halogen, and incandescent lighting
- Modular Omni-Bus components can be located where needed to save wiring and installation costs
- DIN rail standard for mounting

FEATURES

- All modules in Onmi-Bus system are connected using a low voltage CAT6A UTP bus—electronics in each module powered by the bus
- High voltage sections in output modules are optically isolated from the bus
- Elegant, multi-button programmable wall stations eliminate the expense of in-wall high voltage wiring to multi-way stations
- Buttons in wall stations can be configured to operate any Omni-Bus load or scene
- Architecture includes low-cost splitters and T-connections for ease of installation and expendability
- Network can be star, hub-and-spoke, daisy-chain, or a combination
- Splitters allow for topology-free architecture

DIMENSIONS



Leviton Manufacturing Co., Inc. Energy Management, Controls and Automation
20497 SW Teton Avenue, Tualatin, OR 97062 **tech line** 800-959-6004 **fax** 503-404-5594

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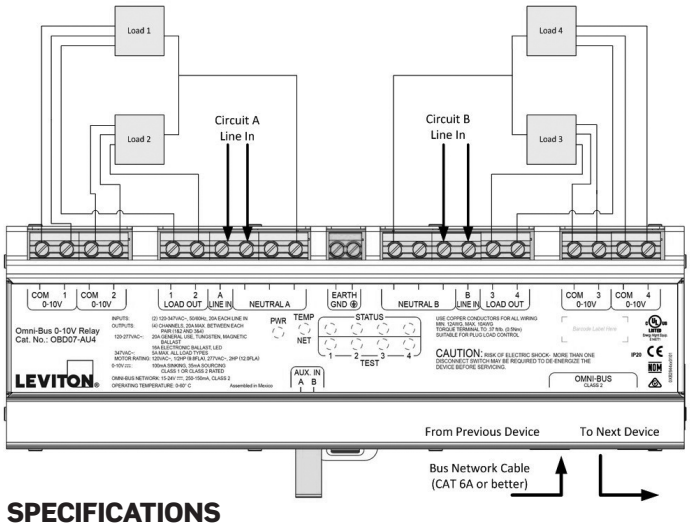
WIRING DIAGRAM



SPECIFICATIONS

ELECTRICAL	
Input Voltage	2 isolated input channels 20A@120-347VAC, 50/60Hz
Load Ratings	4 output channels general use tungsten, or magnetic ballast loads 20A@120-277VAC, 16A@120-277VAC for electronic ballast loads. 5A@347VAC for all load types. Max amperage applies to each pair of outputs (1&2) or (3&4)
0-10V Control	0-10VDC, 100mA sinking, or 35mA Sourcing per channel; Class 1 or 2 Wiring
Bus Side Power	15-24VDC, 200-150mA (via CAT6A bus network cable)
Capacity	Maximum of 32 linked devices per channel
ENVIRONMENTAL	
Operating Temperature Range	32-140°F (0-60°C)
Storage Temperature	-40-158°F (-40-70°C)
Ingress Protection	IP20
Listings	EN (IEC) 60669-1, EN60669-2-1, EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN61000-4-8, EN 61000-4-11, EN 61000-3-2 & EN 61000-3-3, EN 55014, EN 55015 (CISPR), IEC 61439 IEEE/ANSI C62-41 B3 Category A UL/cUL, UL244A, UL 61010-1 CSA C22.2 61010, UL 94V – 0, UL 60730 CE NEMA 410 AS/NZS 2279.1 - EMC Part 3-2, AS/NZS CISPR 15 AS/NZS 2279.3 (2001): EMC Part 3-3 FCC CFR 47 Part 15 Subpart B RoHS 2
OTHER	
Dimensions	10.47" W x 2.13" H
Warranty	Limited Two-Year Warranty

ORDERING INFORMATION

CAT. NO.	DESCRIPTION
OBD07-AU4	Omni-Bus Relay DIN Rail Module

Leviton Manufacturing Co., Inc. Energy Management, Controls and Automation
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Visit our Website at: www.leviton.com/omnibus