# ZUMLINK-JBOX-20A-PLUG

## Zūm® Wired J-Box Load Controller, Plug Load Switch, 20A, 100-277VAC with Link Communication

### Easy Installation

For flexibility and ease-of-use, install Zūm devices (load controllers, keypads, and presence detectors) and connect them with Zūm Link (CBL-CAT5E-ZUMLINK-P) or Zūm Net (CBL-CAT5E-ZUMNET-P) CAT5e cable. Nonsystem presence detectors may also be installed to any load controller with analog inputs.

### Override Contact Closure Input

An integrated contact closure provides the means to place all connected Zūm Net and Zūm Link devices into Emergency Override mode.

- *Zūm® wired junction box mounted lighting load plug load controller*
- *Integration with Zūm keypads, presence detectors, and daylight sensors (sold separately)*
- *Zero-cross switching with the ability to switch control of 20A plug loads*
- *Supports in-room device daisy chaining*
- *Integrated contact closure input*
  - Flying lead wiring connections
  - Knockout mount to a standard 4 in. square junction box

The Zūm® wired ZUMLINK-JBOX-20A-PLUG provides zero cross switching for high inrush lighting loads and 20A plug load control. The device can be wired to other in-room Zūm devices to provide load control. Energy-saving options are available to enable daylighting, occupancy or vacancy sensing, and centralized monitoring and management.

### Zūm Link Wired Technology

Zūm Link technology enables in-room lighting control through keypads and sensors wired to controllers. Zūm Wired devices connect via CBL-CAT5E-ZUMLINK-P CAT5e cable (sold separately) to RJ-45 ports to provide simple daisy-chaining and lighting control of compatible loads. The Zūm Wired devices work together in a local ecosystem to provide customized solutions using the Zūm app via Bluetooth connectivity.

### Energy Management and Efficiency

The load controllers are capable of energy monitoring through custom programming. Occupancy sensor, vacancy sensor, and daylight sensor connectivity enables significant energy savings. To reduce energy usage, lights turn off automatically when the room is vacant and dim gradually depending on the amount of natural daylight in the room.

## Specifications

### Load Control

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|---|---|
| **Switch Load Types** | Controlled receptacles, LED, electronic ballasts, incandescent, magnetic low-voltage, electronic low-voltage,neon/cold cathode, high-intensity discharge, small motor loads |
| **Line Voltage** | 100-277VAC, 50/60 Hz |
| **Load Rating** | 20A 100-277VAC, 50/60 Hz high inrush, zero-cross switching; 0.5 HP @ 120-277VAC |
| **Short Circuit Protection** | 40A non-replaceable fuse |

### Wired Communications

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|---|---|
| **ZUMLINK (ROOM)** | (2) RJ-45 ports; In-room Zūm Link device daisy-chaining; 85mA power available for Zūm Link devices, including ZUMLINK-KP keypads; Maximum 750mA pass-through current including any internal power supply |
| **24V, OCC, GND** | Occupancy sensor input; 85mA available output current; Spring clamp connector |
| **24V, PHO, GND** | Photo sensor input; Spring clamp connector |
| **OVR, GND** | Override control input; Spring clamp connector |

### Controls and Indicators

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|---|---|
| **TEST** | (1) Pushbutton and (1) green LED; Push to toggle the switched load output on and off; Press and hold to cycle the dimming level up and down; LED indicates that the load is turned on; LED lights and flashes during room setup and factory reset |
| **ZUMLINK Status** | (1) bi-color green/red LED; LED lights green in normal operation; LED lights red when a fault is detected |

### Connections

| | |
|---|---|
| **Hot** | (1) 14 AWG Class 1 flying lead; Black, line power input |
| **Neutral** | (1) 14 AWG Class 1 flying lead; White, neutral |
| **Red** | (1) 14 AWG Class 1 flying lead, red, AC output |

### Environmental

| | |
|---|---|
| **Temperature** | 32° to 104°F (0° to 40°C) |
| **Humidity** | 10% to 90% RH (noncondensing) |

### Construction

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|---|---|
| **Housing** | Plastic, white, UL 94 5VA flame rated |
| **Mounting** | Mounts to the side of a 4 in. square junction box via a 1/2 in. conduit knockout; Meets the requirements of UL 2043 for installation in an environmental air-handling (plenum) space |

### Dimensions

| | |
|---|---|
| **Height** | 4.83 in. (123 mm) |
| **Width** | 4.25 in. (108 mm) |
| **Depth** | 2.03 in. (52 mm) |

### Weight

7 oz (199 g)

### Compliance

**Regulatory Model: M201933002**

cUL916, cUL2043

Intertek® Listed for US & Canada, IC, FCC Part 15 Class A digital device, UL 916, UL 2043, UL 94 5VA

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## Model

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## Available Accessories

For a list of available accessories, visit the ZUMLINK-JBOX-20A-PLUG product page.

4.25 in.
(108 mm)

2.03 in.
(52 mm)

7.5 in.
(191 mm)

0.63 in.
(16 mm)

0.10 in.
(3 mm)

TEST     LINK

4.20 in.
(107 mm)

4.83 in.
(123 mm)

**CRESTRON**