

ZUMLINK-JBOX-20A-PLUG



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



Easy Installation

For flexibility and ease-of-use, install Züm devices (load controllers, keypads, and presence detectors) and connect them with Züm Link (CBL-CAT5E-ZUMLINK-P) or Züm 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 Züm Net and Züm Link devices into Emergency Override mode.

- *Züm® wired junction box mounted lighting load plug load controller*
- *Integration with Züm 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 Züm® 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 Züm devices to provide load control. Energy-saving options are available to enable daylighting, occupancy or vacancy sensing, and centralized monitoring and management.

Züm Link Wired Technology

Züm Link technology enables in-room lighting control through keypads and sensors wired to controllers. Züm 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 Züm Wired devices work together in a local ecosystem to provide customized solutions using the Züm 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.

ZUMLINK-JBOX-20A-PLUG



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

Specifications

Load Control

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

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

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

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

Model

ZUMLINK-JBOX-20A-PLUG

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

Available Accessories

For a list of available accessories, visit the
[ZUMLINK-JBOX-20A-PLUG](#) product page.

The original language version of this document is U.S. English.
All other languages are a translation of the original document.

This product may be purchased from select authorized Crestron dealers and distributors. To find a dealer or distributor, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/How-To-Buy/Find-a-Representative or contact us for additional information by visiting www.crestron.com/contact/our-locations for your local contact.

The product warranty can be found at www.crestron.com/warranty.

The specific patents that cover Crestron products are listed online at www.crestron.com/legal/patents.

Certain Crestron products contain open source software. For specific information, please visit www.crestron.com/opensource.

Crestron, the Crestron logo, XiO Cloud, and Zūm are either trademarks or registered trademarks of Crestron Electronics, Inc. in the United States and/or other countries. UL is either a trademark or registered trademark of UL LLC in the United States and/or other countries. Wi-Fi is either a trademark or registered trademark of Wi-Fi Alliance in the United States and/or other countries. Other trademarks, registered trademarks, and trade names may be used in this document to refer to either the entities claiming the marks and names or their products. Crestron disclaims any proprietary interest in the marks and names of others. Crestron is not responsible for errors in typography or photography.

Specifications are subject to change without notice.

©2023 Crestron Electronics, Inc.

Rev 10/17/23

ZUMLINK-JBOX-20A-PLUG



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

