ZUMLINK-DIN-20A-SW

DIN Rail Load Controller, High Inrush Switch, 20A, 100-277V for Zūm® Lighting Control with Link Communication

- *Zūm® wired DIN rail mounted lighting load switch*
- *Switching control of LED, fluorescent ballast, incandescent, magnetic low-voltage, electronic low-voltage, neon/cold cathode, and high-intensity discharge*
- *Integration with Zūm modules, keypads, presence detectors, and daylight sensors (sold separately)*
- *Supports in-room device daisy chaining*
- *Integrated contact closure input*
- *3M wide DIN rail mounting*

The Zūm® wired ZUMLINK-DIN-20A-SW provides switching for lighting loads. 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. Room setup can be accomplished quickly through the Zūm app.

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 provide daisy-chaining and lighting control of compatible loads.

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.

DIN Rail Mounting

DIN rail Zūm devices snap onto a standard DIN rail for installation in a wall mount enclosure (Crestron DIN-EN series or similar) or on a wall panel.

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.

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ZŪM®

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Specifications

Load Control

Line Voltage	100-277VAC, 50/60 Hz
Switch Load Types	LED, electronic drivers, incandescent, magnetic low-voltage, electronic low-voltage, neon/cold cathode, high-intensity discharge, small motor loads
Switch Rating	20A 100-277VAC, 50/60 Hz resistive; 1 HP @ 120-277VAC
Switch Lifetime	General Rating: 100,000 on/off operations, 16A @ 277VAC; Motor Rating: 100,000 on/off operations, 1HP @ 120/230/277VAC; Resistive Rating: 30,000 on/off operations, 20A @ 277VAC

Zūm Link Power Bus Requirements

Max Current Consumption	50mA *Without sensor terminal.*
Max Allowable Sensor Terminal Current	85mA *Passthrough from Zūm Link bus*

Wired Communications

ZUMLINK	(2) RJ-45 ports; In-room Zūm Link device daisy-chaining
24V, OCC, GND	Occupancy sensor input; Spring clamp connector; Each terminal accepts one 20-24 AWG solid wire
24V, PHO, GND	Photo sensor input; Spring clamp connector; Each terminal accepts one 20-24 AWG solid wire
OVR, GND	Override control input; Spring clamp connector: Each terminal accepts one 20-24 AWG solid wire

Controls and Indicators

TEST	(1) Push button and (1) bi-color green/red LED; Push to toggle the switched load output on and off; Press and hold to cycle the dimming level up and down; LED lights green when load is on; LED lights red when a fault is detected
ZUMLINK Status	(1) bi-color green/red LED; LED lights green in normal operation; LED lights red when a fault is detected

Connections

N, L, SW (Neutral, Line, Switch)	(1) 3-pin terminal block; Each terminal accepts one 12-24 AWG wire

Environmental

Local In-Cabinet Air Temperature	32° to 122°F (0° to 50°C)
Humidity	10% to 90% RH (noncondensing)
Heat Dissipation	4 BTU/hr @ 0A; 14 BTU/hr @ 20A

Construction

Light gray polycarbonate housing with polycarbonate label overlay, 53 mm DIN rail mount, occupies 3M module spaces, DIN 43380 for factor for enclosures with 45 mm front panel cutout

Dimensions

Height	3.69 in. (94 mm)
Width	2.08 in. (53 mm)
Depth	2.32 in. (59 mm)

Weight

4 oz (133 g)

Compliance

Regulatory Model: M202231002

Intertek® Recognized for US & Canada, CE, FCC Part 15 Class B, IC, WEEE

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Model

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Available Accessories

For a list of available accessories, visit the ZUMLINK-DIN-20A-SW 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.

Specifications are subject to change without notice.

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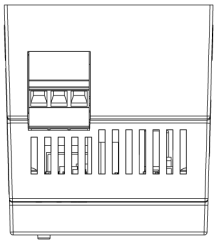

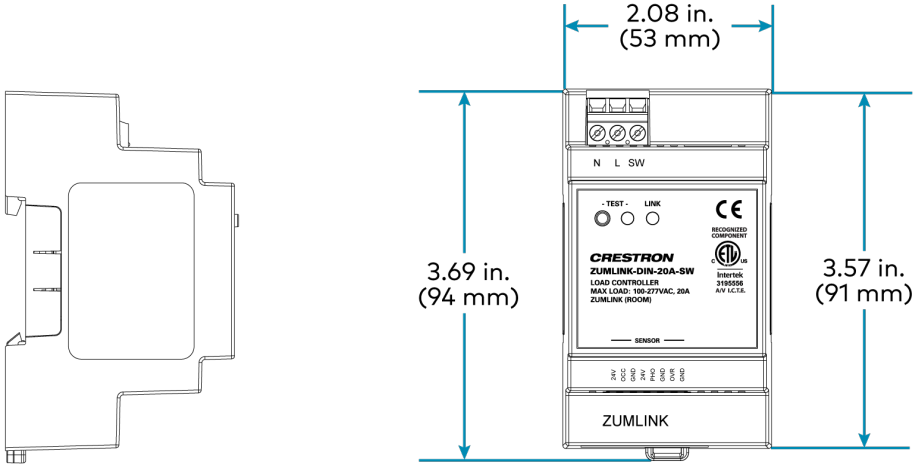

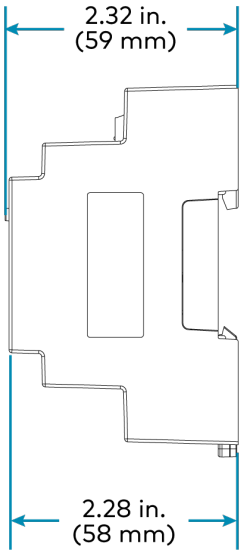

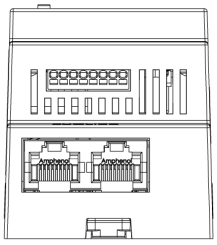

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