

CL-SPACEBUILDER-ZUMDIN

SpaceBuilder® System - Zum® DIN Lighting Control



The [CL-SPACEBUILDER-ZUMDIN](#) SpaceBuilder® system is an ideal lighting control system for any space, new construction or retrofit. It provides centralized lighting control solutions utilizing [Zum® DIN](#) lighting control devices and standard DIN modules.

[SpaceBuilder](#) allows you to define your space and how it works at the time of design. Use the SpaceBuilder tool to select your options and needs for the lighting control system. Once the CL-SPACEBUILDER-ZUMDIN system has been built, use the Crestron Züm App to operate the system using keypads, sensors, or time clock control.

Züm Net Wired Technology

In a Züm network, Züm Net load controllers facilitate communications of multiple rooms via Ethernet and can be daisy-chained for network expansion. Each device in the chain communicates to a Züm Hub control system for centralized monitoring, management, and reporting. Züm Net devices interconnect via [CBL-CAT5E-NET-P](#) CAT5e cable (sold separately) to provide in-room lighting control.

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 provide simple daisy-chaining and lighting control of compatible loads and interfaces.

Energy Management and Efficiency

Connected 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 can be turned off automatically when the room is vacant and dim gradually depending on the amount of natural daylight in the room.

Easy Configuration

Configured Züm devices work together in a local ecosystem to provide customized solutions using the Züm mobile app. Download the Züm app from the [Google Play™](#) online store or the [Apple® App Store®](#) online store.

NOTE: Crestron mobile apps are licensed under Crestron's Mobile Apps Terms of Use, available at www.crestron.com/Legal/mobile-apps-tos-privacy.

DIN Rail Module Options

- [ZUMNET-DIN-DLI](#): Controller with DALI® Drivers, 100-277V for with Züm Net and Link Communication
- [ZUMNET-DIN-16A-LV](#): Load Controller, 0-10V Dimmer, 16A, 100-277V with Züm Net and Link Communication
- [ZUMLINK-DIN-16A-LV](#): Load Controller, 0-10V Dimmer, 16A, 100-277V with Züm Net and Link Communication
- [ZUMLINK-DIN-20A-SW](#): Load Controller, High Inrush Switch, 20A, 100-277V with Züm Link Communication
- [ZUMLINK-DIN-20A-PLUG](#): Load Controller, Plug Load Switch, 20A, 100-277VAC with Züm Link Communication
- [ZUMLINK-DIN-IO](#): Integration Module with Standalone Timeclock with Züm Link Communication
- [ZUMLINK-DIN-DIMU](#): Universal Dimmer Module with Züm Link Communication
- [ZUMLINK-DIN-PSU](#): Power Supply with Züm Link Communication
- [DIN-AP4](#): 4-Series® DIN Rail Control System
- [DIN-PWS60](#): DIN Rail 60 Watt Cresnet® Power Supply
- [DIN-HUB](#): DIN Rail Cresnet Distribution Hub
- [DIN-CENCN-2-POE](#): Ethernet to Cresnet Network Bridge with PoE
- [DIN-DLI](#): DALI® Interface, DIN Rail Mount
- [DIN-DMX-1UNIVERSE](#): Lighting Playback Controller, 1 Universe
- [DIN-DMX-2-UNIVERSE](#): Lighting Playback Controller, 2 Universe
- [GLA-ISP-4R-DC-RJ45A](#): DMX Splitter, 4 Outputs, RJ-45 Connections
- [GLA-ISP-4R-DC-TERM](#): DMX Splitter, 4 Outputs, Terminal Block Connections
- [CEN-SWPOE-5AC](#): 5-Port PoE Network Switch

Wiring

Züm CAT5e cables provide maximum flexibility for LAN wiring within a Züm Wired commercial lighting system. Wiring is housed in a plenum-rated jacket.

- [CBL-CAT5E-ZUMLINK-P](#): In-room power and data connections for Züm Link devices, six lengths from 6 in. (152 mm) to 50 ft (15 m)
- [CBL-CAT5E-ZUMNET-P](#): Room-to-room Ethernet connections for Züm Net and Link devices, three lengths from 25 ft (8 m) to 100 ft (30 m)

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Circuit Breakers

The DIN-EN-MLO-7X24M-120 and DIN-EN-MLO-7X24M-277 have overcurrent protection breakers.

Assembly

CL-SPACEBUILDER-ZUMDIN systems are assembled in Crestron's UL508A panel shop. The individual components may also be ordered and shipped unassembled, requiring onsite assembly and any applicable certifications and inspections.

Voltage

The CL-SPACEBUILDER-ZUMDIN accepts an input voltage of 100-277VAC, 50/60Hz, and supports feed-through or main lug only (with overcurrent protection breakers) installation types.

Networking

The CL-SPACEBUILDER-ZUMDIN utilizes Züm lighting control with CBL-CAT5E-ZUMNET-P and CBL-CAT5E-ZUMLINK-P CAT5e cable.

Specifications

Refer to the specific product page specifications.

Enclosures

- [DIN-EN-2X18M](#)
- [DIN-EN-3X18M](#)
- [DIN-EN-6X18M](#)
- [DIN-EN-10X18M](#)
- [DIN-EN-MLO-7X24M-120](#)
- [DIN-EN-MLO-7X24M-277](#)

Control System Processor

- [DIN-AP4](#)

Power Supply

- [ZUMLINK-DIN-PSU](#)
- [DIN-PWS60](#)

Light Controllers

- [ZUMNET-DIN-DLI](#)
- [ZUMNET-DIN-16A-LV](#)
- [ZUMLINK-DIN-16A-LV](#)
- [ZUMLINK-DIN-20A-PLUG](#)
- [ZUMLINK-DIN-20A-SW](#)
- [ZUMLINK-DIN-DIMU](#)
- [ZUMLINK-DIN-IO](#)
- [DIN-DLI](#)
- [DIN-HUB](#)
- [DIN-CENCN-2-POE](#)
- [DIN-DMX-1UNIVERSE](#)
- [DIN-DMX-2-UNIVERSE](#)

- [GLA-ISP-4R-DC-RJ45A](#)
- [GLA-ISP-4R-DC-TERM](#)
- [CEN-SWPOE-5AC](#)

Switch

- [CEN-SWPOE-5AC](#)

Construction

16-gauge galvanized steel for surface mounting

Environmental

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

Dimensions

DIN-EN-2X18M:

Height: 15.91 in. (404 mm);
16.06 in. (408 mm) with cover

Width: 14.13 in. (359 mm);
14.13 in. (359 mm) with cover

Depth: 4.13 in. (105 mm);
4.27 in. (108 mm) to outside of cover;
4.38 in. (111 mm) to top of screw

DIN-EN-3X18M:

Height: 23.50 in. (597 mm);
24.25 in. (616 mm) with cover

Width: 14.35 in. (364 mm);
16.10 in. (409 mm) with cover

Depth: 4.25 in. (108 mm);
4.31 in. (110 mm) to outside of cover;
4.43 in. (112 mm) to top of screw

DIN-EN-6X18M:

Height: 41.22 in. (1,047 mm);
41.97 in. (1,066 mm) with cover

Width: 14.35 in. (364 mm);
16.10 in. (409 mm) with cover

Depth: 4.25 in. (108 mm);
4.31 in. (110 mm) to outside of cover;
4.43 in. (112 mm) to top of screw

DIN-EN-10X18M:

Height: 64.85 in. (1,647 mm);
65.60 in. (1,666 mm) with cover

Width: 14.35 in. (364 mm);
16.10 in. (409 mm) with cover

Depth: 6.00 in. (152 mm) to inside of cover;
6.07 in. (154 mm) to outside of cover;
6.18 in. (157 mm) to top of screw

DIN-EN-MLO-7X24M-120:

Height: 90.00 in. (2,286 mm)

Width: 20.00 in. (508 mm)

Depth: 6.61 in. (168 mm) to handle;
6.06 in. (154 mm) to front of cabinet

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DIN-EN-MLO-7X24M-277:

Height: 90.00 in. (2,286 mm)

Width: 20.00 in. (508 mm)

Depth: 6.61 in. (168 mm) to handle;
6.06 in. (154 mm) to front of cabinet

Compliance

Regulatory Model: CL-SPACEBUILDER

Intertek® Listed for US & Canada;

CL-SPACEBUILDER-ZUMDIN systems are fully assembled in Crestron's ETL certified panel shop are UL508A Listed.

Model

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Available Accessories

For a list of available accessories, visit the [CL-SPACEBUILDER-ZUMDIN](#) product page.

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

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