

CL-SPACEBUILDER-DIN

SpaceBuilder® System - DIN

- *DIN-EN Series enclosures provide 2, 3, or 6 DIN rails*
- *GLEX-FT-84-HC enclosure provides 9 DIN rails*
- *120 VAC*
- *Supports up to 3 Cresnet subnets for every DIN-HUB*
- *Internal 4-series processor for astronomical time-clock lighting control*
- *DIN-DALI-2 provides 2 loops of DALI® lighting per module*
- *DMX for full show-control and RDM support using DIN-DMX-1UNIVERSE or DIN-DMX-2UNIVERSE*
- *Isolated optical splitter using the GLA-OPTO-4WAY*
- *Ethernet to Cresnet bridge using the DIN-CENCN-2-POE*
- *5-port Ethernet switch with 802.3af PoE using the CEN-SW-POE-5*

The CL-SPACEBUILDER-DIN SpaceBuilder® system is great for digital lighting projects using DALI® or DMX protocols. The CL-SPACEBUILDER-DIN SpaceBuilder system is also useful for Ethernet and Cresnet distribution.

Module Options:

DIN-AP4

The DIN-AP4 is a Crestron® 4-Series® Control engine that provides fast and powerful control of the lighting system. The DIN-AP4 controls connected modules and supports astronomical time-clock control, 40 Cresnet® control devices, and 50 BACnet™/IP points.

DIN-HUB

The DIN-HUB is a 3-segment Cresnet hub for Cresnet networks with more than 20 devices.

DIN-PWS60

The DIN-PWS60 is a 60 W, DIN rail-mounted Cresnet® power supply module for powering Crestron® automation processors and other Cresnet devices. It has an input of 100-277 VAC.

DIN-DALI-2

The DIN-DALI-2 is a DALI® interface for Crestron® systems that provides control of up to two individual DALI loops. It has a single-wire connection via Power-over-Ethernet (PoE).

DIN-DMX-1/2UNIVERSE

The DIN-DMX-1UNIVERSE and DIN-DMX-2UNIVERSE provide one or two universes of DMX-512 and include full show control and RDM support.

DIN-CENCN-2-POE

The DIN-CENCN-2-POE works with the DIN-AP4 to maximize the reliability and robustness of the Cresnet network and to

uplink to another control system via Ethernet.

4-WAY OPTO-SPLITTER

The 4-Way Opto-Splitter adds an isolated optical splitter with four outputs. Terminations utilize convenient RJ-45 568B connections.

CEN-SW-POE-5

A surface-mountable 5-port Gigabit Ethernet switch with four ports of 802.3af PoE (Power-over-Ethernet).

Options:

Assembly

CL-SPACEBUILDER-DIN systems are assembled in Crestron's UL508 panel shop. The system can also be ordered as individual components that are shipped independently and require on-site assembly.

Voltage

The CL-SPACEBUILDER-DIN is available in using 120 VAC.

Networking

For easy scalability, CL-SPACEBUILDER-DIN systems can be configured to use Ethernet or Cresnet communication.



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Specifications

Enclosures

DIN-EN-2X18: Refer to the [DIN-EN-2X18](#) product page for specifications.

DIN-EN-3X18: Refer to the [DIN-EN-3X18](#) product page for specifications.

DIN-EN-6X18: Refer to the [DIN-EN-6X18](#) product page for specifications.

GLEX-FT-84-HC: Refer to the GLEX-FT-84-HC product page for specifications.

Control System Processor

DIN-AP4: Refer to the [DIN-AP4](#) product page for specifications.

Power Supply

DIN-PWS60: Refer to the [DIN-PWS60](#) product page for specifications.

Light Controllers

DIN-HUB: Refer to the [DIN-HUB](#) product page for specifications.

DIN-DALI-2: Refer to the [DIN-DALI-2](#) product page for specifications.

DIN-DMX-1UNIVERSE: Refer to the DIN-DMX-1UNIVERSE product page for specifications.

DIN-DMX-2UNIVERSE: Refer to the DIN-DMX-2UNIVERSE product page for specifications.

DIN-CENCN-2-POE: Refer to the [DIN-CENCN-2-POE](#) product page for specifications.

GLA-OPTO-4WAY: Refer to the GLA-OPTO-4WAY product page for specifications.

Circuit Breakers

This feed-through cabinet does not have over-current protection breakers.

Construction

Enclosure: NEMA 1 metal enclosure suitable for installation in plenum air-handling spaces.

Environmental

Temperature: 32° to 104°F (0° to 40°C)

Humidity: 10% to 90% RH (noncondensing)

Dimensions

DIN-EN-2X18:

Height: 12.32 in. (323 mm)

Width: 12.13 in. (359 mm)

Depth: 4.38 in. (111 mm)

DIN-EN-3X18:

Height: 23.5 in. (597 mm)

Width: 14.38 in. (366 mm)

Depth: 4.44 in. (113 mm)

DIN-EN-6X18:

Height: 38.88 in. (989 mm)

Width: 14.38 in. (366 mm)

Depth: 4.44 in. (113 mm)

GLEX-FT-84-HC:

Height: 62.75 in. (1,594 mm)

Width: 15.125 in. (384 mm)

Depth: 4.94 in. (125 mm)

Compliance

CE, UL® Listed

CL-SPACEBUILDER-DIN systems fully assembled in Crestron's UL certified panel shop are UL508 Listed.

To search for product certificates, refer to support.crestron.com/app/certificates.

Assembly

CL-SPACEBUILDER-DIN systems fully assembled in Crestron's UL certified panel shop are UL508 Listed. The individual components may also be ordered and shipped unassembled, requiring on-site assembly and any applicable certifications and inspections.

Models and Accessories

Available Model

CL-SPACEBUILDER-DIN
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Available Accessories

DIN-EN-2X18

Enclosure for DIN Rail Devices, 2 DIN Rails, 18 Units Wide

DIN-EN-3X18

Enclosure for DIN Rail Devices, 3 DIN Rails, 18 Units Wide

DIN-EN-6X18

Enclosure for DIN Rail Devices, 6 DIN Rails, 18 Units Wide

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GLEX-FT-84-HC

Green Light Express Enclosure, Feed Through, Hinged Cover, 84 Circuits

DIN-AP4

DIN Rail 4-Series® Automation Processor

DIN-PWS60

DIN Rail 60 Watt Cresnet® Power Supply

DIN-HUB

DIN Rail Cresnet Distribution Hub

DIN-DALI-2

DIN Rail 2-Channel DALI® Interface

DIN-DMX-1UNIVERSE

Lighting Playback Controller, 1 Universe

DIN-DMX-2UNIVERSE

Lighting Playback Controller, 2 Universe

DIN-CENCN-2-POE

Ethernet to Cresnet® Bridge with PoE

GLA-OPTO-4WAY

DMX and RDM Splitter, RJ-45, 1 Input, 4 Output, DIN Rail Mount

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.

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