

CL-SPACEBUILDER-GLEX-FT

SpaceBuilder® System - GLEX-FT

- *Control up to 42 lighting zones*
- *GLEX-FT-56-HC enclosure with hinged cover provides up to 3 module spaces*
- *GLEX-FT-84-HC enclosure with hinged cover provides up to 5 module spaces*
- *Configurable emergency/life safety zones*
- *Flexible dimming control using 2-wire forward phase dimming*
- *Multizone switching*
- *100K/1,000K cycle switching*
- *Scalable using the Ethernet uplink to communicate with external control system*
- *Assembled cabinets are UL508 Listed*
- *120 or 277 VAC*
- *Internal 4-series processor for astronomical time-clock lighting control*

The CL-SPACEBUILDER-GLEX-FT SpaceBuilder® system is a quickly configured and shipped feed-through panel solution that is great for spaces that do not have accessible ceilings such as auditoriums, warehouses, sports venues, and large parking structures. The CL-SPACEBUILDER-GLEX-FT is a quickly configured and shipped feed-through panel solution that supports very large spaces.

Module Options:

Dimming Modules

2-Wire Forward Phase Dimming

Deploy 16 A, 2-wire forward phase dimmed loads using the GLXX-2DIM8. The GLXX-2DIM8 accepts two 20 A inputs that support eight 16 A lighting zones. This module accepts 100–277 VAC power and has a maximum rating of 32 A. Each input can be from a different phase.

4-Wire 0–10 V Dimming

Deploy 16 A, 0–10 V dimmed loads, or 4-wire switched loads, using the GLXP-DIMFLV8-LP. The GLXP-DIMFLV8-LP accepts eight 20 A inputs that support eight 16 A lighting zones. This module accepts 120–277 VAC power.

Switching Modules

16-Channel Switching (100,000 Cycle)

Deploy 16 A, 2-wire, 100,000 cycle switched loads using the GLXP-SW16-LP. The GLXP-SW16-LP accepts sixteen 20 A inputs that support sixteen 16 A lighting zones. This module accepts 100–277 VAC power.

12-Channel Switching (1,000,000 Cycle)

Deploy 16 A, 2-wire, 1,000,000 cycle switched loads using the GLXP-SW12-LP. The GLXP-SW12-LP accepts twelve 20 A

inputs that support twelve 16 A lighting zones. This module accepts 100–277 VAC power.

Processor Module

The processor module consists of a DIN-AP4 and a DIN-PWS60 which are mounted to a DIN rail. 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. The DIN-PWS60 supplies power to the DIN-AP4.

Ethernet Uplink Module

The Ethernet uplink module consists of a DIN-CENCN-2-POE and DIN-PWS60 which are mounted to a DIN rail. The DIN-CENCN-2-POE is an Ethernet to Cresnet network bridge that provides scalability to CL-SPACEBUILDER systems. The DIN-CENCN-2-POE receives commands from a DIN-AP4 control system to provide control for the connected modules and to pass commands through to additional CL-SPACEBUILDER systems. The DIN-PWS60 supplies power to the DIN-CENCN-2.

Options:

Assembly

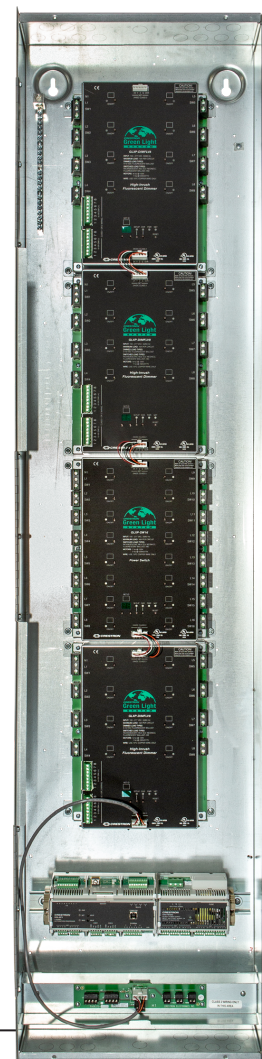
CL-SPACEBUILDER-GLEX-FT systems are assembled in Crestron's UL508 panel shop. The system can also be ordered as individual components that are shipped independently and require on-site assembly.

Voltage

The CL-SPACEBUILDER-GLEX-FT is available in 120 or 277 VAC feed through styles.

Networking

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



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Specifications

Enclosures

GLEX-FT-56-HC: Refer to the GLEX-FT-56-HC product page for specifications.

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

Dimming Modules

GLXP-DIMFLV8-LP: Refer to the GLXP-DIMFLV8-LP product page for specifications.

GLXX-2DIM8: Refer to the [GLXX-2DIM8](#) product page for specifications.

Switching Modules

GLXP-SW16-LP: Refer to the GLXP-SW16-LP product page for specifications.

GLXP-HSW12-LP: Refer to the GLXP-HSW12-LP product page for specifications.

Control System Processor

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

Ethernet Uplink

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

Power Supply

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

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

GLEX-FT-56-HC:

Height: 39-21/32 in. (1,007 mm)

Width: 16-1/8 in. (409 mm)

Depth: 4-7/16 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-GLEX-FT 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-GLEX-FT 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-GLEX-FT
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Available Accessories

GLEX-FT-56-HC

Green Light Express Enclosure, Feed Through, Hinged Cover, 56 Circuits

GLEX-FT-84-HC

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

GLXP-DIMFLV8-LP

8-Channel 0-10V Dimmer Module, Low Profile

GLXX-2DIM8

8-Channel Dimmer Module

GLXP-SW16-LP

16-Channel Switch Module, Low Profile

GLXP-HSW12-LP

12-Channel High-Inrush Switch Module, Low Profile

CL-SPACEBUILDER-GLEX-FT

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DIN-AP4

DIN Rail 4-Series® Automation Processor

DIN-PWS60

DIN Rail 60 Watt Cresnet® Power Supply

DIN-CENCN-2-POE

Ethernet to Cresnet® Bridge with PoE

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

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