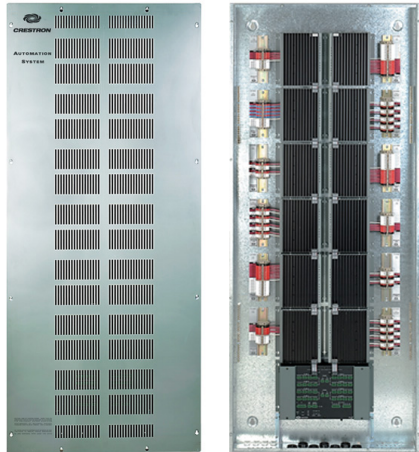


Automation Enclosures



CAEN-7x2 SHOWN WITH AND WITHOUT COVER
PRODUCTS SHOWN IN ENCLOSURE SOLD SEPERATELY

- Enclosures for CLX Series lighting control modules and Crestron control systems
- Available in six convenient sizes
- Surface or flush wall-mountable
- Built to enable over 100 dimmer-controlled circuits per enclosure
- Support for centralized and distributed system configurations
- Residential and commercial applications
- Quiet and reliable, with efficient convection cooling
- Galvanized steel backbox with grounding blocks, low-voltage partitions, and vented front cover
- Additional mounting and termination accessories available
- For 120 and 230 Volt systems
- Additional uses for non-lighting applications such as voice and data structured wiring, security, and RF signal distribution
- UL® Listed panel shop fabrication service available

The CAEN Series automation enclosures are designed to house the Crestron CLX Series lighting control modules, as well as [DIN-AP4](#) or [DIN-AP4-R](#) control systems. Mounting DIN 4-Series® automation processors and Cresnet® hubs to the CAEN requires a [CAEN-UMP1X2-DIN-PWS](#). CAEN enclosures are available in an assortment of sizes, and are suitable for surface or flush wall-mount installation. Each model has been engineered to provide a clean and manageable installation and has abundant provisions for wire termination and electrical knockouts.

Efficiently Houses Equipment

CAEN automation enclosures are designed to use space efficiently, supporting over a hundred possible circuits in the largest model. Both centralized and distributed configurations are possible. A single control system installed in a central enclosure can support numerous satellite extension enclosures distributed throughout a residence or commercial facility. Interconnection of the complete network of enclosures requires just one circulating Cresnet® cable. Dozens of keypads, touch screens, wall box dimmers, shade controllers, and other peripherals can also be terminated within an enclosure, with separate compartments provided for high- and low-voltage wiring.

Cool and Quiet

Crestron lighting and automation systems are completely convection cooled for silent and reliable operation. A vented front cover is included with every enclosure. All models are constructed of 16-gauge galvanized steel and are pre-drilled for mounting CLX Series modules, CLT Series terminal blocks, power supplies, [CAEN-BLOCK-CENCN-2-POE](#) bridges, CAEN-UMP1X2-DIN-PWS mounting kits, and CAEN-BLOCK terminal blocks. Additional non-CLX Series lighting modules and third-party contactors may be installed using Crestron's CAEN-UMP universal mounting plates. Grounding blocks and low-voltage partitions are included.

Useful in Many Applications

CAEN enclosures are also well suited for all types of Class 2 and Class 3 applications including voice and data structured wiring, security, and RF signal distribution (as permitted by applicable codes).

UL Listed

CAEN enclosures are UL and C-UL listed. If you require a complete UL Listed panel, Crestron offers this service through its UL Listed panel shop, providing complete in-factory system configuration and assembly.

Specifications

Environmental

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

Enclosure

16-gauge galvanized steel backbox with perforated gray steel cover, surface or flush wall-mount installation

Backbox Dimensions

CAEN-7x2	Height: 62.00 in (157.48 cm)
	Width: 25.50 in (64.77 cm)
	Depth: 4.00 in (10.16 cm)

Automation Enclosures

CAEN-7X1	Height: 62.00 in (157.48 cm) Width: 14.38 in (36.51 cm) Depth: 4.00 in (10.16 cm)
CAEN-4X2	Height: 38.25 in (97.16 cm) Width: 25.50 in (64.77 cm) Depth: 4.00 in (10.16 cm)
CAEN-4X1	Height: 38.25 in (97.16 cm) Width: 14.38 in (36.51 cm) Depth: 4.00 in (10.16 cm)
CAEN-2X1	Height: 23.50 in (59.69 cm) Width: 14.38 in (36.51 cm) Depth: 4.00 in (10.16 cm)
CAEN-1X1	Height: 16.56 in (42.06 cm) Width: 16.10 in (40.90 cm) Depth: 4.25 in (10.80 cm)

Weight

CAEN-7x2	65.0 lbs (29.48 kg)
CAEN-7X1	42.0 lbs (19.05 kg)
CAEN-4X2	43.0 lbs (19.50 kg)
CAEN-4X1	28.0 lbs (12.70 kg)
CAEN-2X1	19.0 lbs (8.62 kg)
CAEN-1X1	14.0 lbs (6.35 kg)

Compliance

UL Listed for US and Canada

Models

- CAEN-7x2**
Automation Enclosure, 7 Modules High x 2 Modules Wide
- CAEN-7X1**
Automation Enclosure, 7 Modules High x 2 Modules Wide
- CAEN-4X2**
Automation Enclosure, 4 Modules High x 2 Modules Wide
- CAEN-4X1**
Automation Enclosure, 4 Modules High x 1 Module Wide
- CAEN-2X1**
Automation Enclosure, 2 Modules High x 1 Module Wide
- CAEN-1X1**
Automation Enclosure, 1 Module High x 1 Module Wide

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 by calling 855-263-8754.

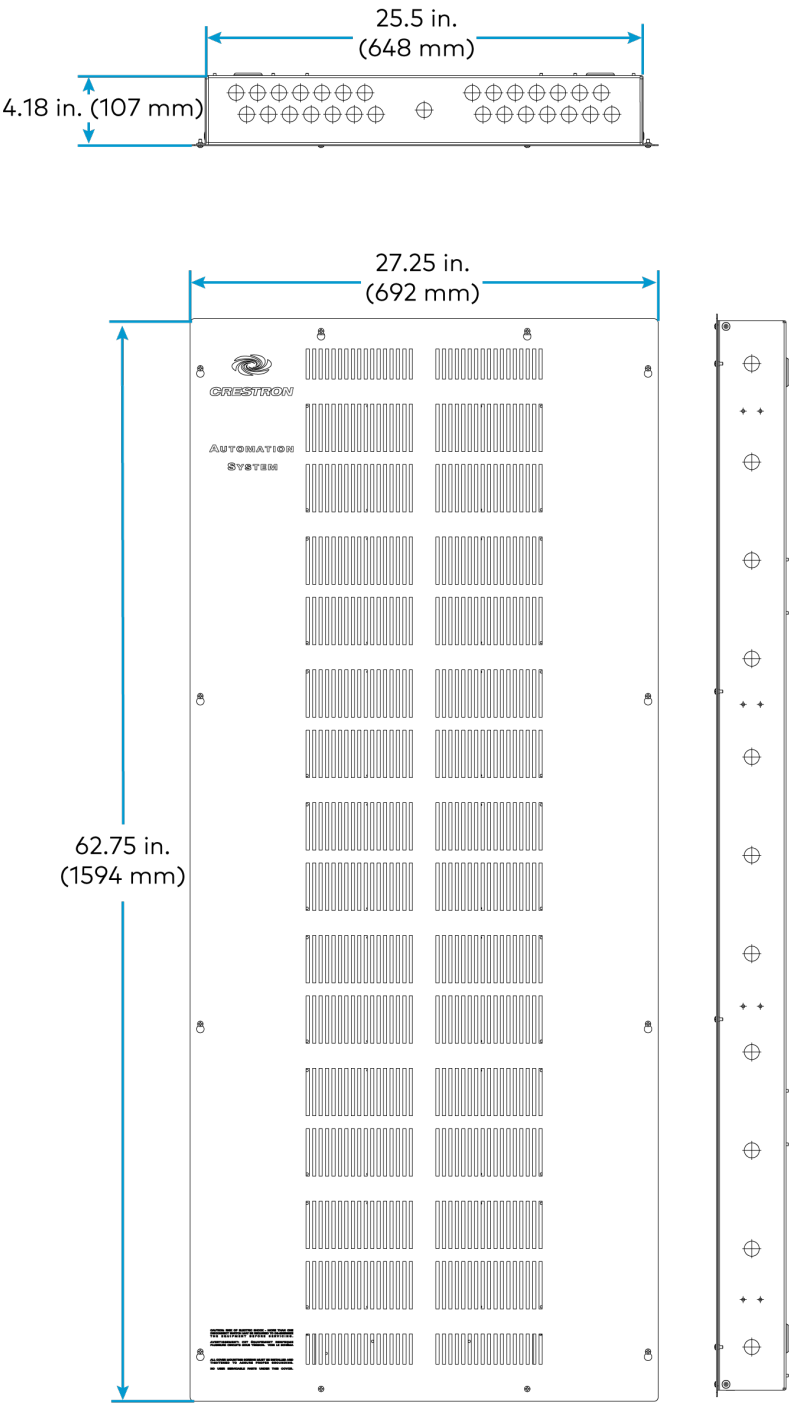
This product is covered under the Crestron standard limited warranty. Refer to www.crestron.com/warranty for full details.

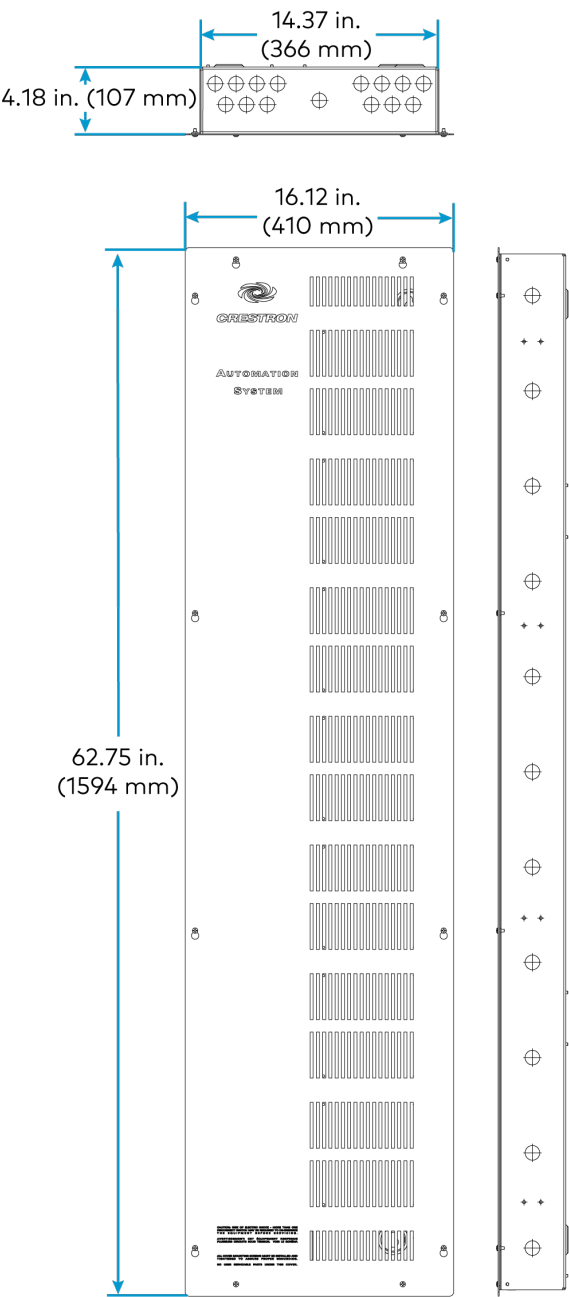
The specific patents that cover Crestron products are listed online at patents.crestron.com.

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

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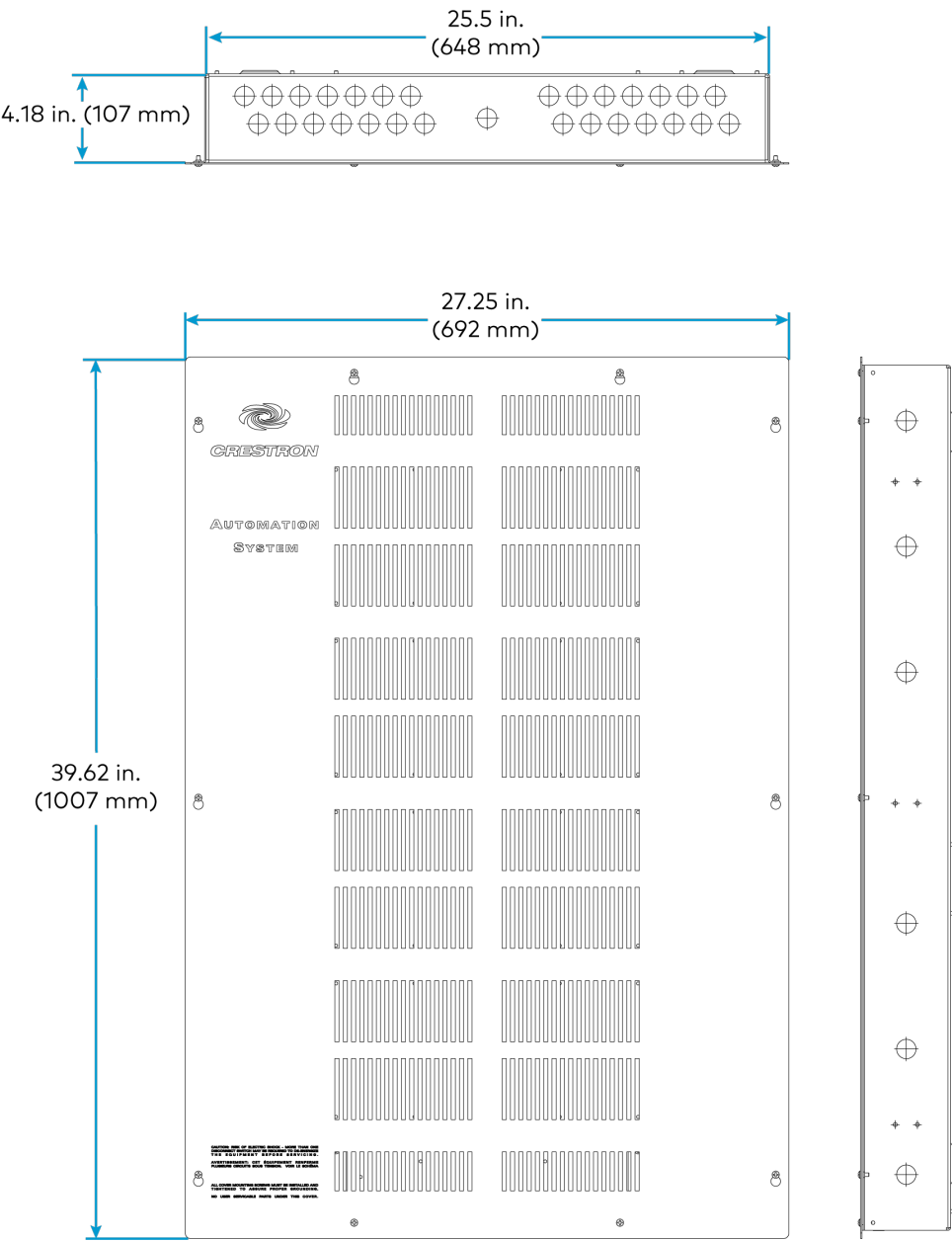
Specifications are subject to change without notice.
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Rev 01/08/24





Automation Enclosures

CAEN-4X2



Technical drawing of the GRISTRON Automation System, showing front and side views with dimensions.

Front View Dimensions:

- Width: 14.37 in. (366 mm)
- Height: 4.06 in. (102 mm)

Side View Dimensions:

- Width: 16.12 in. (410 mm)
- Height: 39.62 in. (1007 mm)

Front View Details:

- Top panel with 12 circular ventilation holes (2 rows of 6).
- Bottom panel with 12 circular ventilation holes (2 rows of 6).
- Central panel with 12 circular ventilation holes (2 rows of 6).

Side View Details:

- Left panel with 12 circular ventilation holes (2 rows of 6).
- Right panel with 12 circular ventilation holes (2 rows of 6).
- Central panel with 12 circular ventilation holes (2 rows of 6).

Front Panel Text:

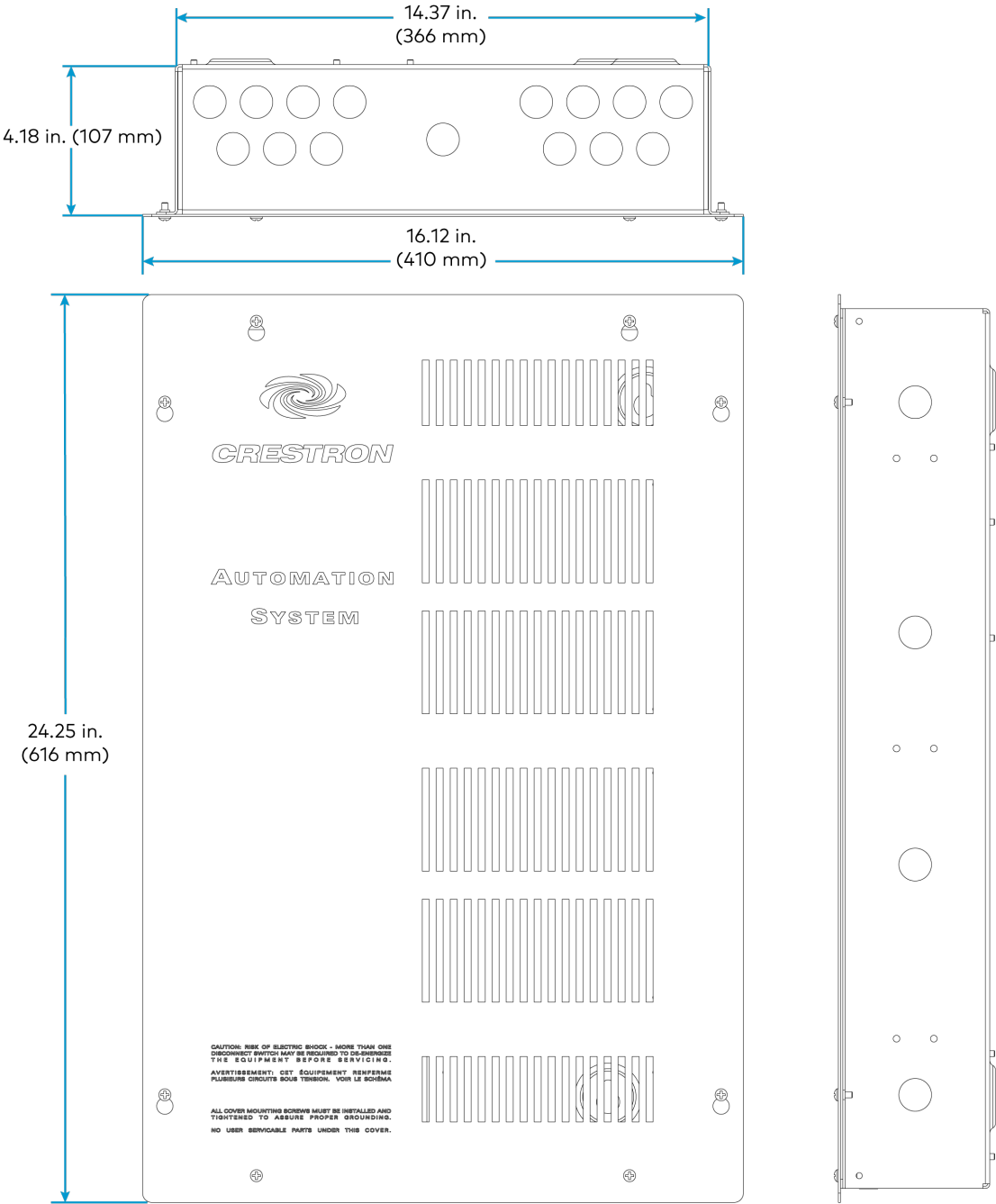
GRISTRON

AUTOMATION SYSTEM

CAUTION: USE OF POWER TOOL, SUCH THAT THE EQUIPMENT BEING REWIRED, REPROGRAMMED, OR RECONFIGURED, MUST BE DONE IN ACCORDANCE WITH THE INSTRUCTIONS PROVIDED IN THE USER MANUAL. NO USER SERVICEABLE PARTS UNDER THE COVER.

Automation Enclosures

CAEN-2X1



CAEN-1X1

