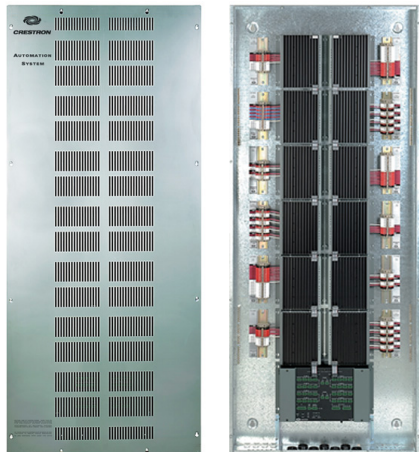


Automation Enclosures



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.

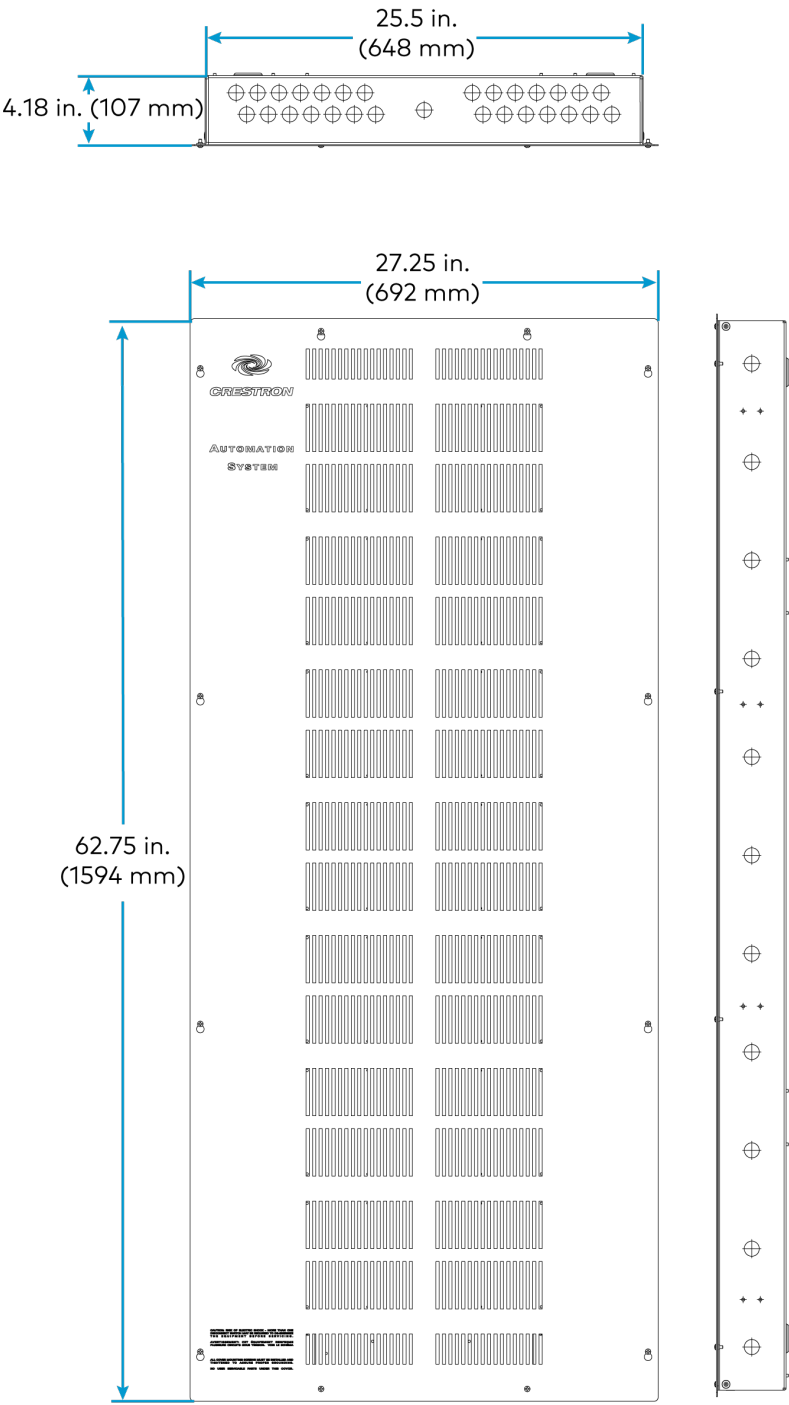
This product is covered under the Crestron standard limited warranty. Refer to www.crestron.com/warranty for full details.

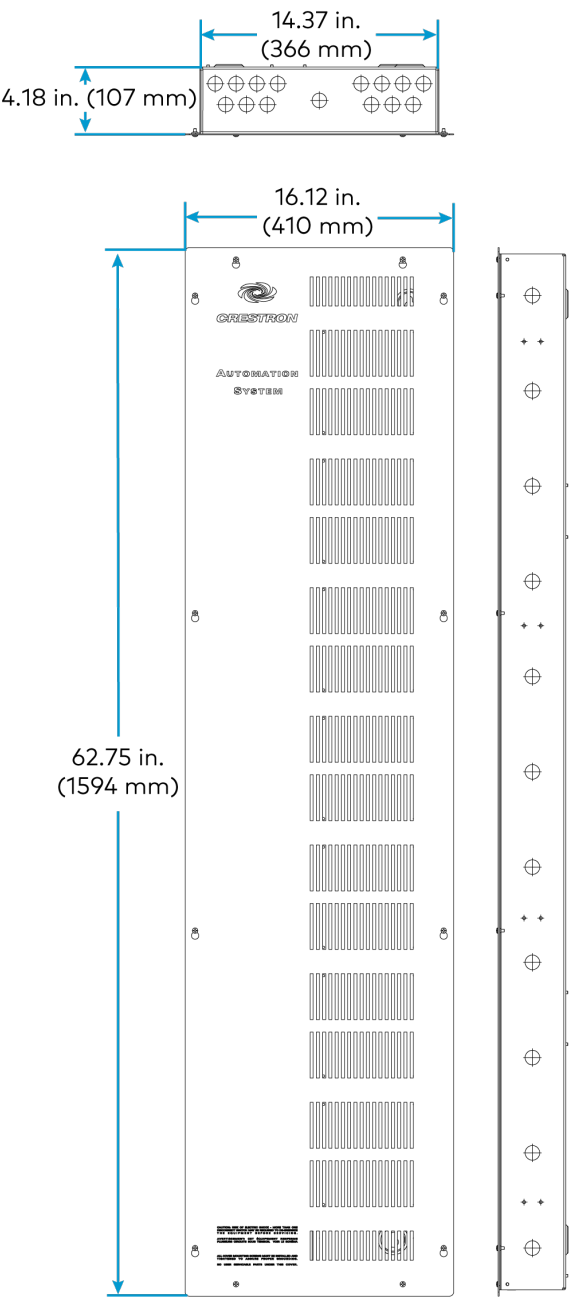
The specific patents that cover Crestron products are listed online at patents.crestron.com.

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

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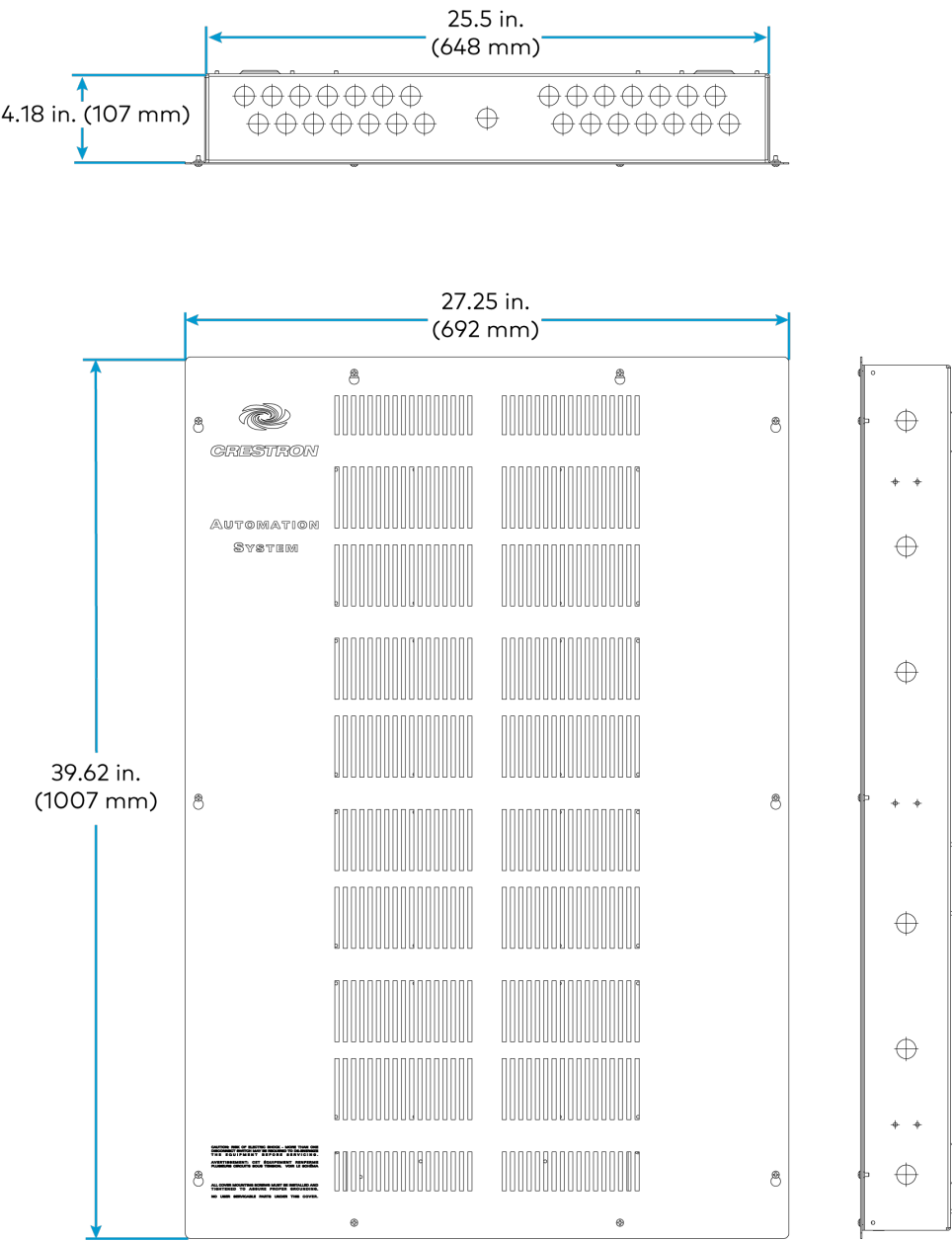
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Rev 01/08/24





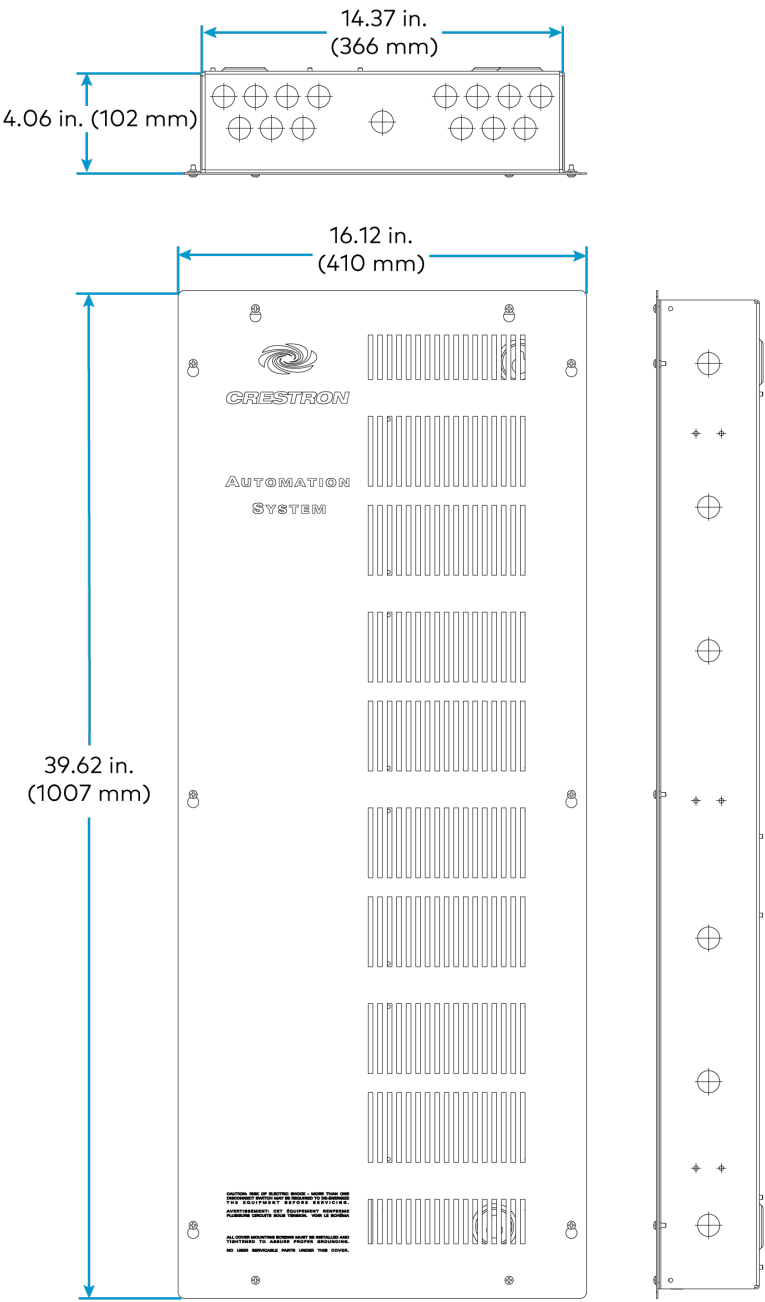
Automation Enclosures

CAEN-4X2



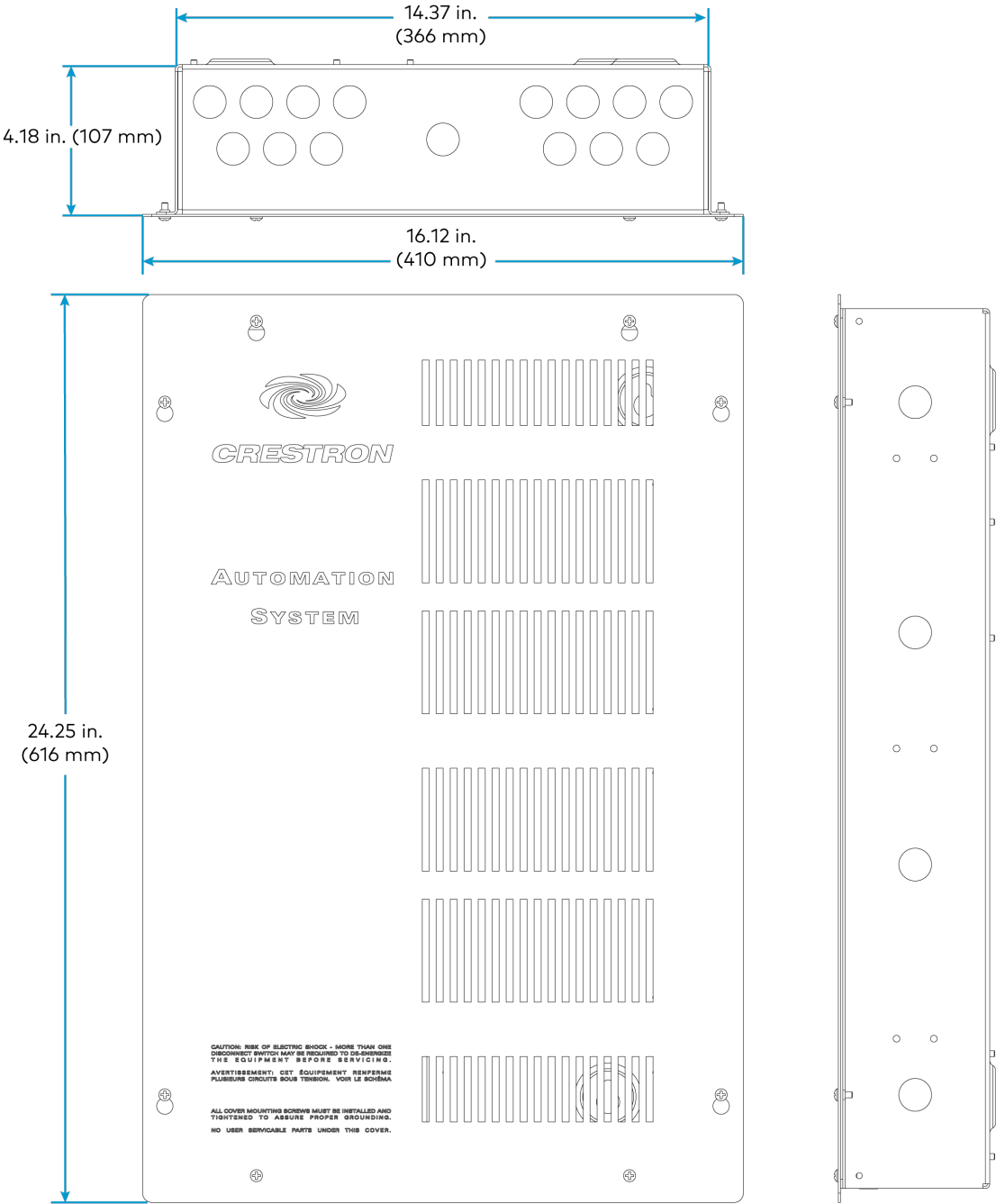
Automation Enclosures

CAEN-4X1



Automation Enclosures

CAEN-2X1



CAEN-1X1

