

Automation Enclosures

- > Enclosures for CLX Series lighting control modules, the CLX-DIN-AP3 3-Series Control System®, and the PAC2M automation control system
- > 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

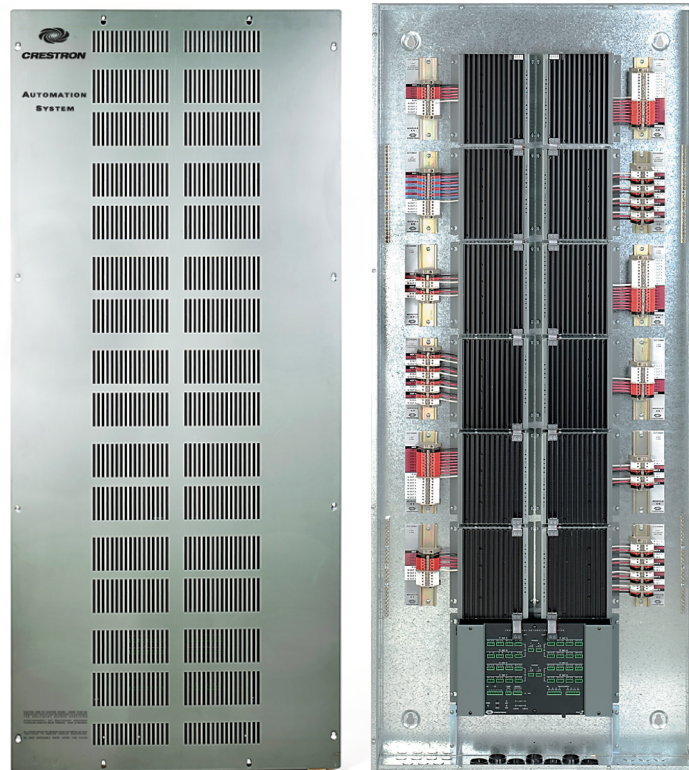
The CAEN Series automation enclosures are designed to house the Crestron® CLX Series lighting control modules, CLX-DIN-AP3 3-Series Control System®, or PAC2M control system. CAEN enclosures are available in an assortment of sizes, and are suitable for surface or flush wall-mount installation. Each model has been engineered to provide a clean and manageable installation and has abundant provisions for wire termination and electrical knockouts.

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 PAC2M 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.

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-DIN-AP3 control systems, PAC2M control systems, CLX Series modules, CLT Series terminal blocks, power supplies, 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.

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).

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 (non-condensing)

Enclosure

16-gauge galvanized steel backbox with perforated grey 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)

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: 25.5 in (64.77 cm)

Depth: 4.00 in (10.16 cm)

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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: 23.5 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)

Notes:

This product may be purchased from an authorized Crestron dealer. To find a dealer, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/salesreps or by calling 800-237-2041.

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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MODELS & ACCESSORIES

AVAILABLE MODELS

CAEN-1X1: Automation Enclosure, 1 module high x 1 module wide

CAEN-2X1: Automation Enclosure, 2 modules high x 1 module wide

CAEN-4X1: Automation Enclosure, 4 modules high x 1 module wide

CAEN-4X2: Automation Enclosure, 4 modules high x 2 module wide

CAEN-7X1: Automation Enclosure, 7 modules high x 1 module wide

CAEN-7X2: Automation Enclosure, 7 modules high x 2 module wide

AVAILABLE ACCESSORIES

CAEN-BLOCK: Cresnet® Terminal Block for CAEN and CAENIB Automation Enclosures

CAEN-CK-2X1: Cover Extension Kit for CAEN/CAENIB-2X1

CAEN-CK-4X1: Cover Extension Kit for CAEN/CAENIB-4X1

CAEN-CK-4X2: Cover Extension Kit for CAEN/CAENIB-4X2

CAEN-CK-7X1: Cover Extension Kit for CAEN/CAENIB-7X1

CAEN-CK-7X2: Cover Extension Kit for CAEN/CAENIB-7X2

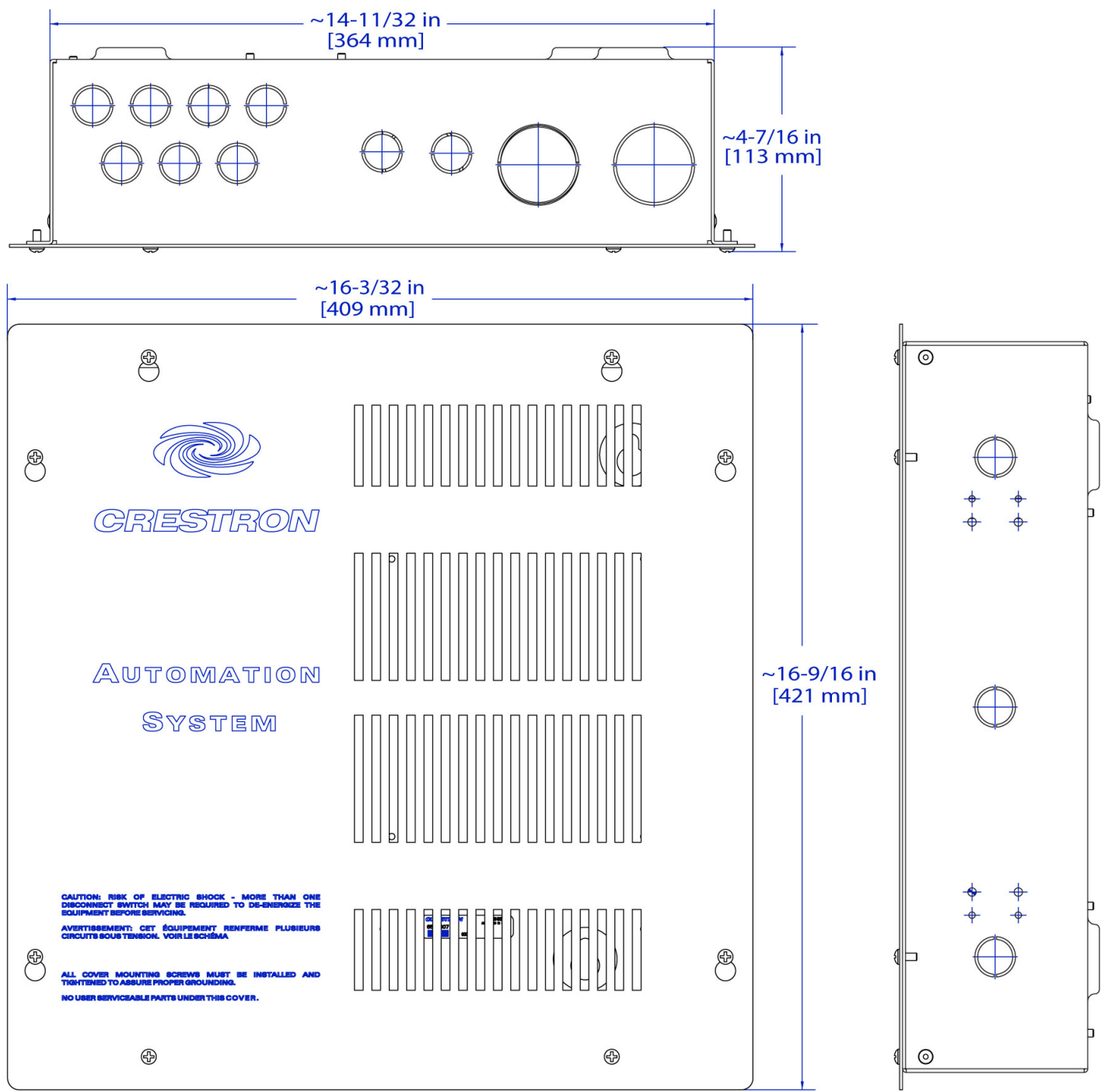
CAEN-UMP1X1: Universal Mounting Plate for CAEN Automation Enclosures, fits 1 Module Slot

CAEN-UMP1X2: Universal Mounting Plate for CAEN Automation Enclosures, fits 2 Module Slots, 1H x 2W

CAEN-UMP2X1: Universal Mounting Plate for CAEN Automation Enclosures, fits 2 Module Slots, 2H x 1W

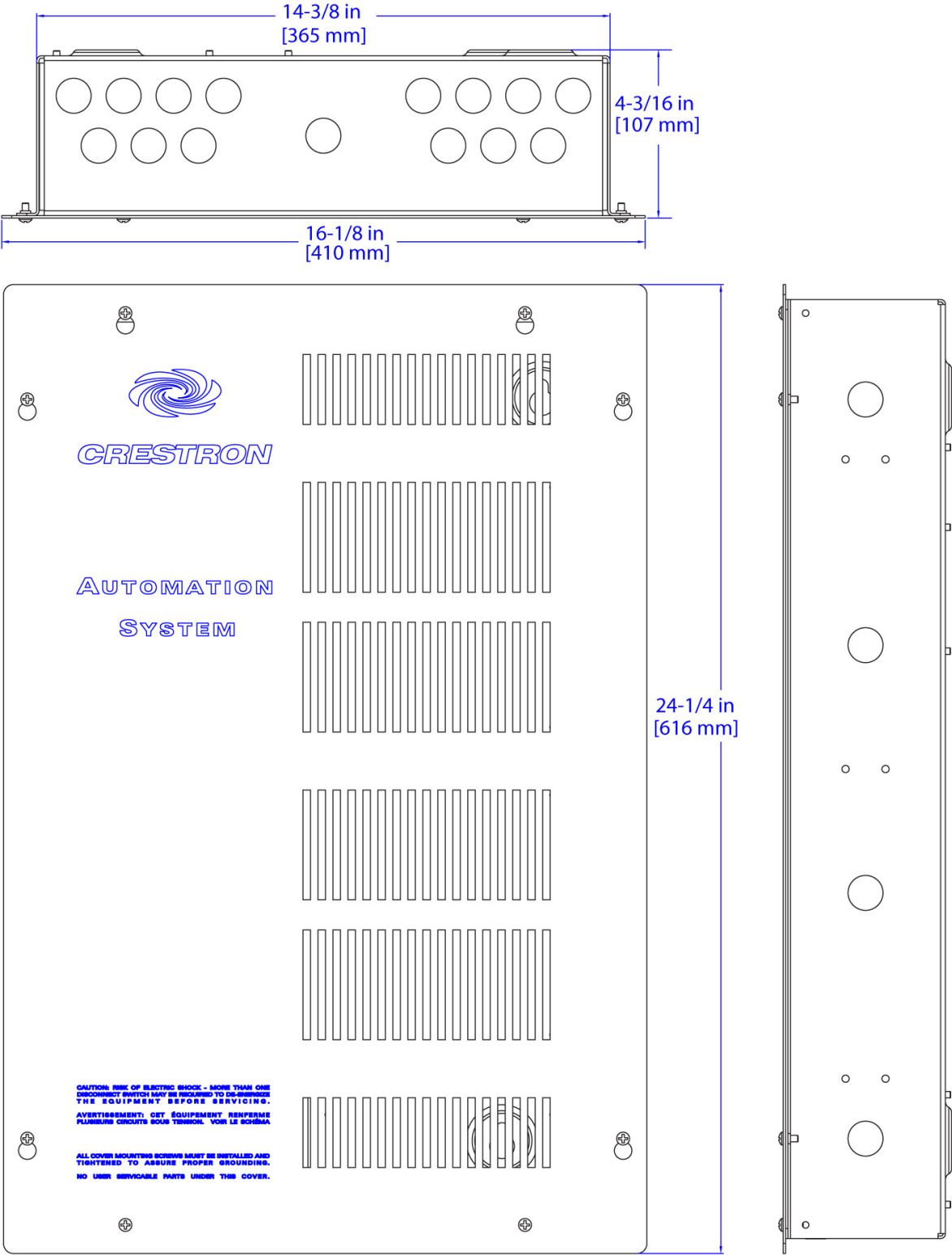
CAEN-UMP2X2: Universal Mounting Plate for CAEN Automation Enclosures, fits 4 Module Slots, 2H x 2W

CAD DRAWINGS



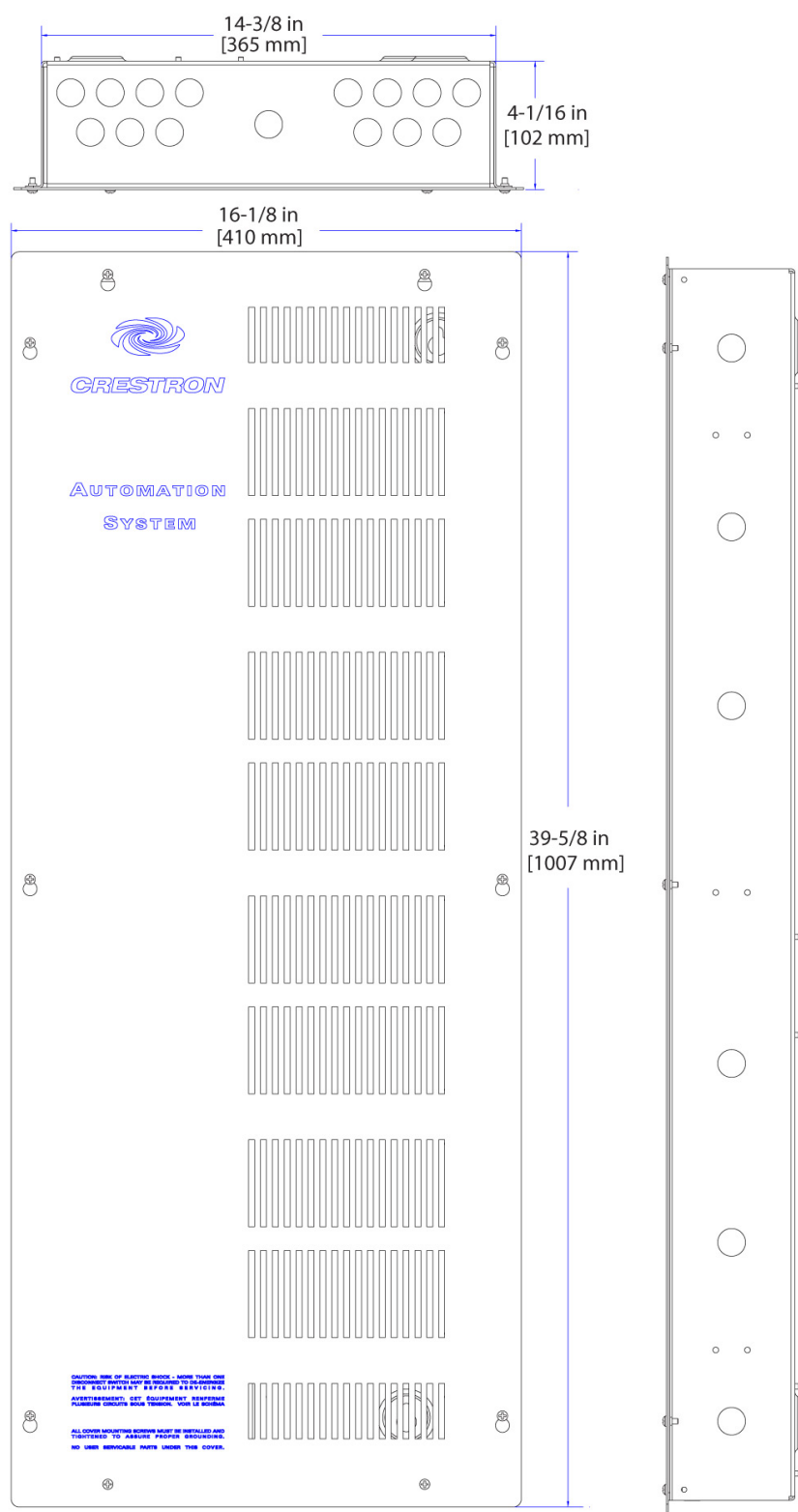
CAEN-1X1

CAEN Automation Enclosures



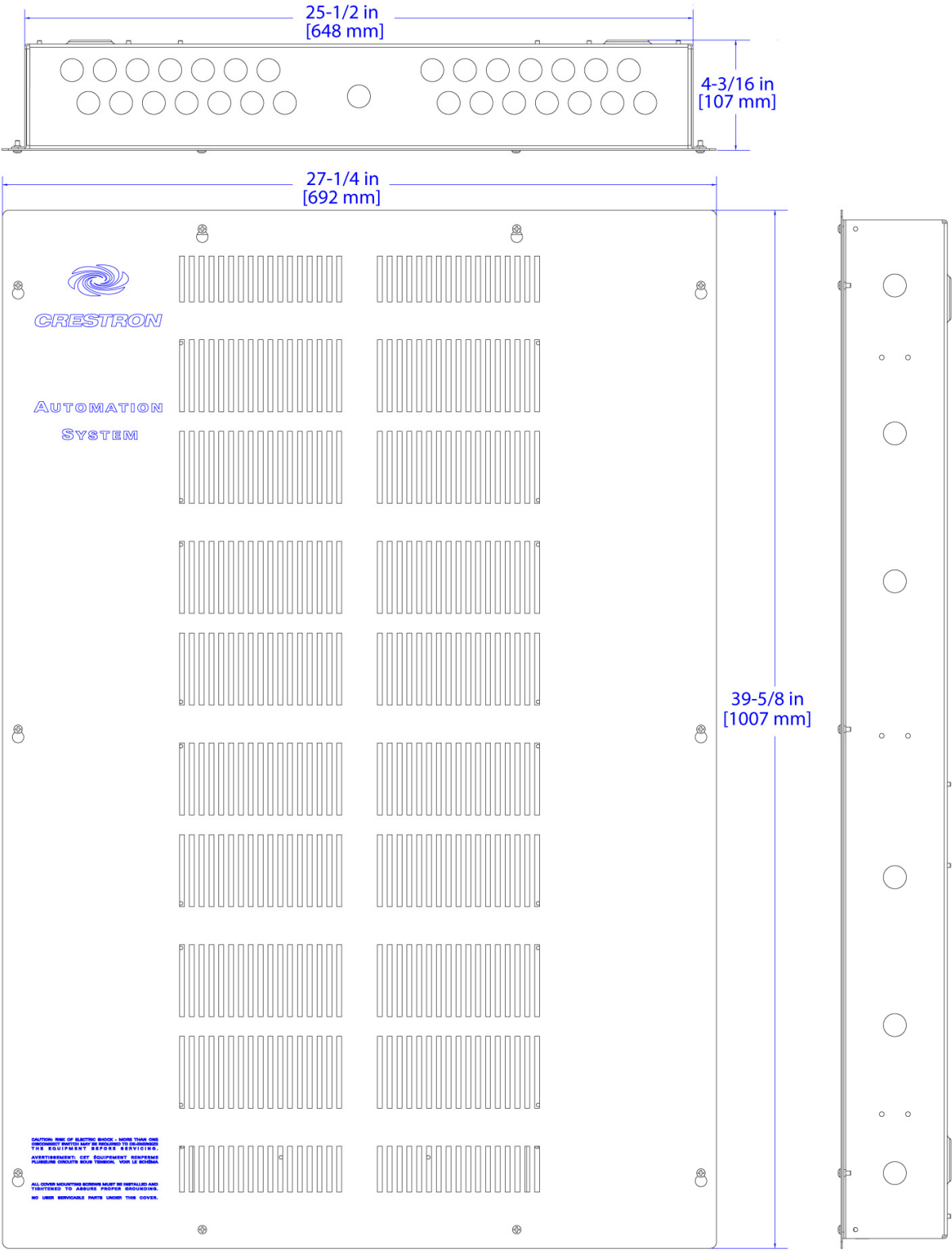
CAEN-2X1

CAEN Automation Enclosures

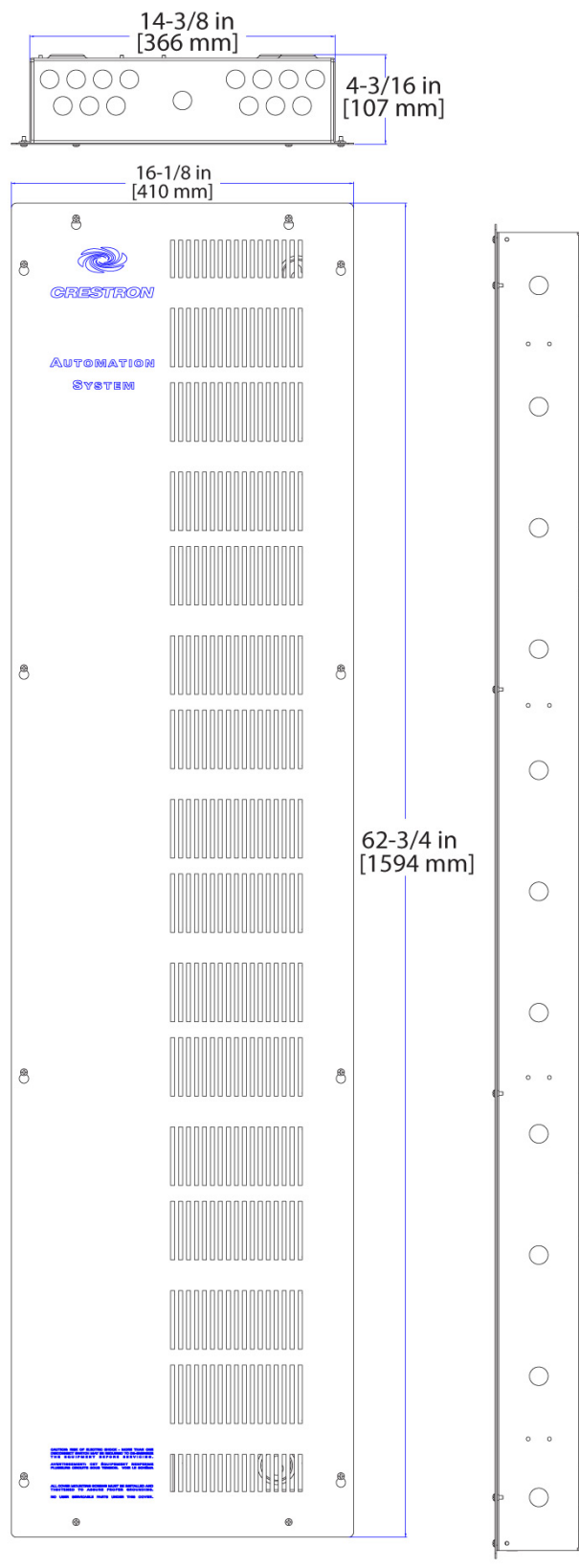


CAEN-4X1

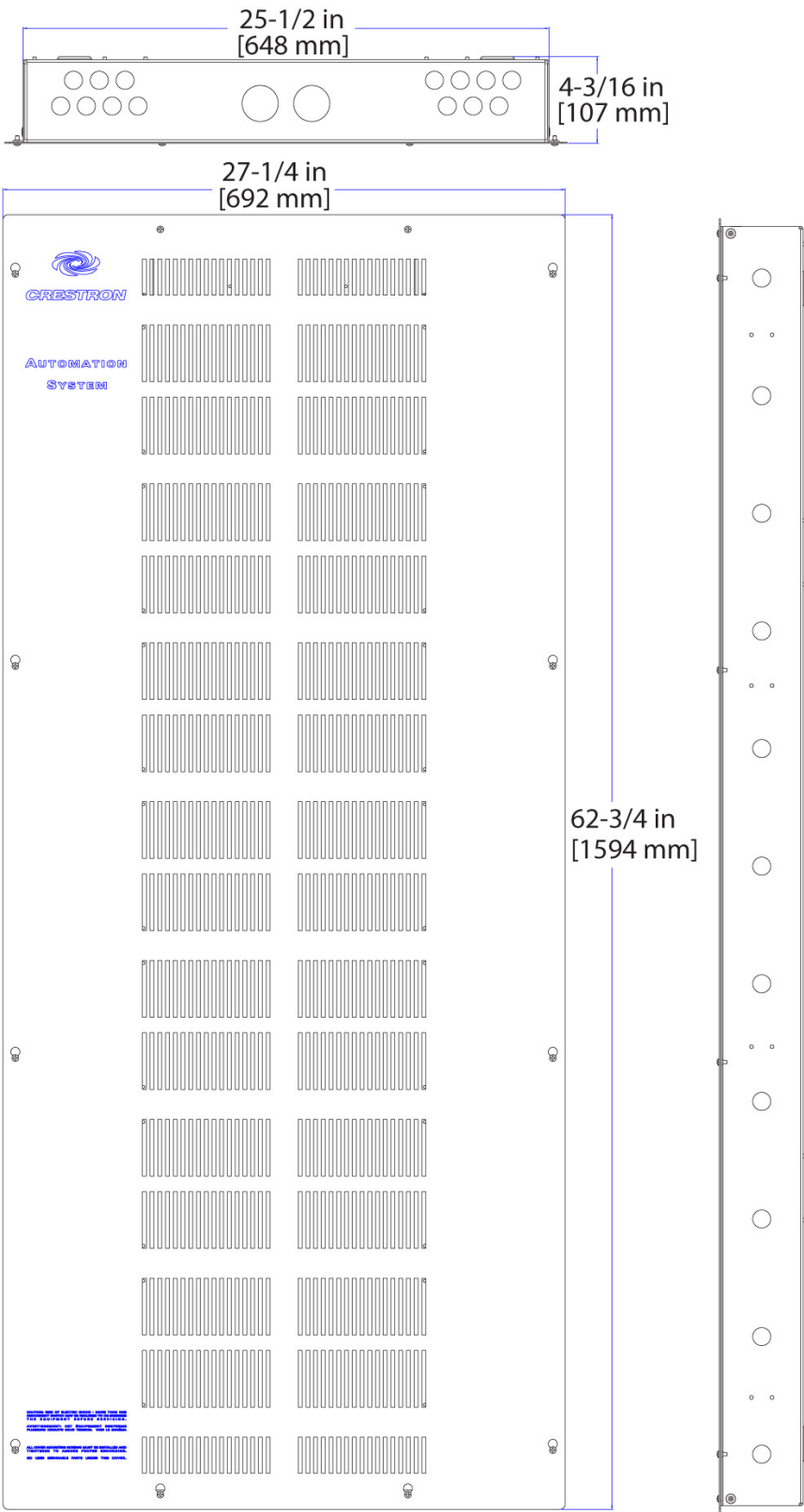
CAEN Automation Enclosures



CAEN-4X2



CAEN-7X1



CAEN-7X2