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)
CAEN Automation Enclosures

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)

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

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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CAEN Automation Enclosures

CAEN-2X1

14-3/8 in [365 mm]

4-3/16 in [107 mm]

16-1/8 in [410 mm]

24-1/4 in [616 mm]
CAEN Automation Enclosures

CAEN-4X1

Dimensions:
- 14-3/8 in [365 mm]
- 4-1/16 in [102 mm]
- 16-1/8 in [410 mm]
- 39-5/8 in [1007 mm]