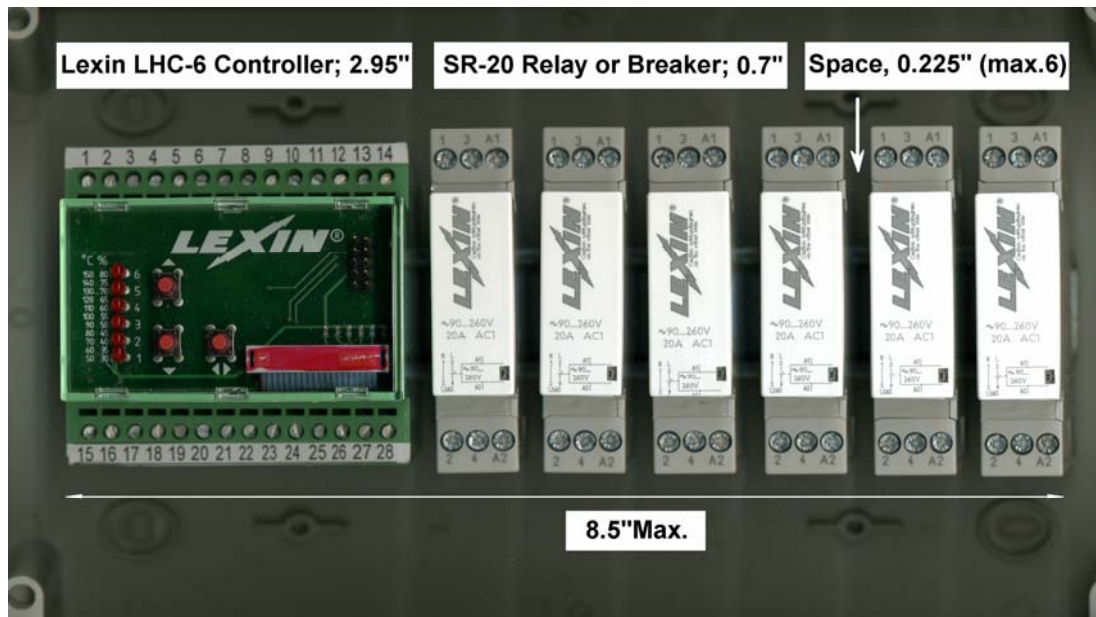




## ENC-EK012 and ENC-EK024 Series DIN cabinets Installation instructions

**LEXIN's ENC-EK series enclosures are UL and cUL listed,  
NEMA 4X and NEMA 12K compliant "JUNCTION AND PULL BOXES"  
(UL/cUL File No. E 254144)**

The ENC-EK012 is designed to hold one LHC-6 controller and a combination of six SR-20 hybrid relays and Circuit Breakers. For (future) expansion, additional enclosures may be installed flush against the top, bottom or side of the unit (simply drill holes and add hardware).



## Fully loaded ENC-012

(SR-20 shown, may be any combination of SR-20 and Circuit Breakers)

### Installation:

Remove the top cover (4 fasteners) and locate the fastening holes located under the top cover retention screws. The mounting holes are located outside of the sealed portion of the enclosure (mounting screws are not supplied). Please note that the screw heads must be no greater than 5/16" (8 mm) in diameter, and no less than 1/4" (6 mm). Do not use excessive force to tighten the screws (be extra careful when screws with the minimum size head are used). Please make sure the screws go down deep enough so that these do not interfere with the cover screws. Drill mounting holes in a 9.4" (239 mm) Wide x 6.5" (165 mm) High pattern. Optional mounting in dry locations: 7.5" (190 mm) Wide x 4.72" (120 mm) High (drill holes at marked locations in enclosure to facilitate).

Conduit hubs/connectors must be connected to the conduit before these connected to the enclosure. Use NEMA type rating 4X or better for the hubs/connectors (not supplied).

Once the enclosure is properly installed, the DIN rail accessories may be snapped in place. Please note for heat dissipation/ventilation a space of 0.225" is required between the accessories (SR-20 relays and breakers).

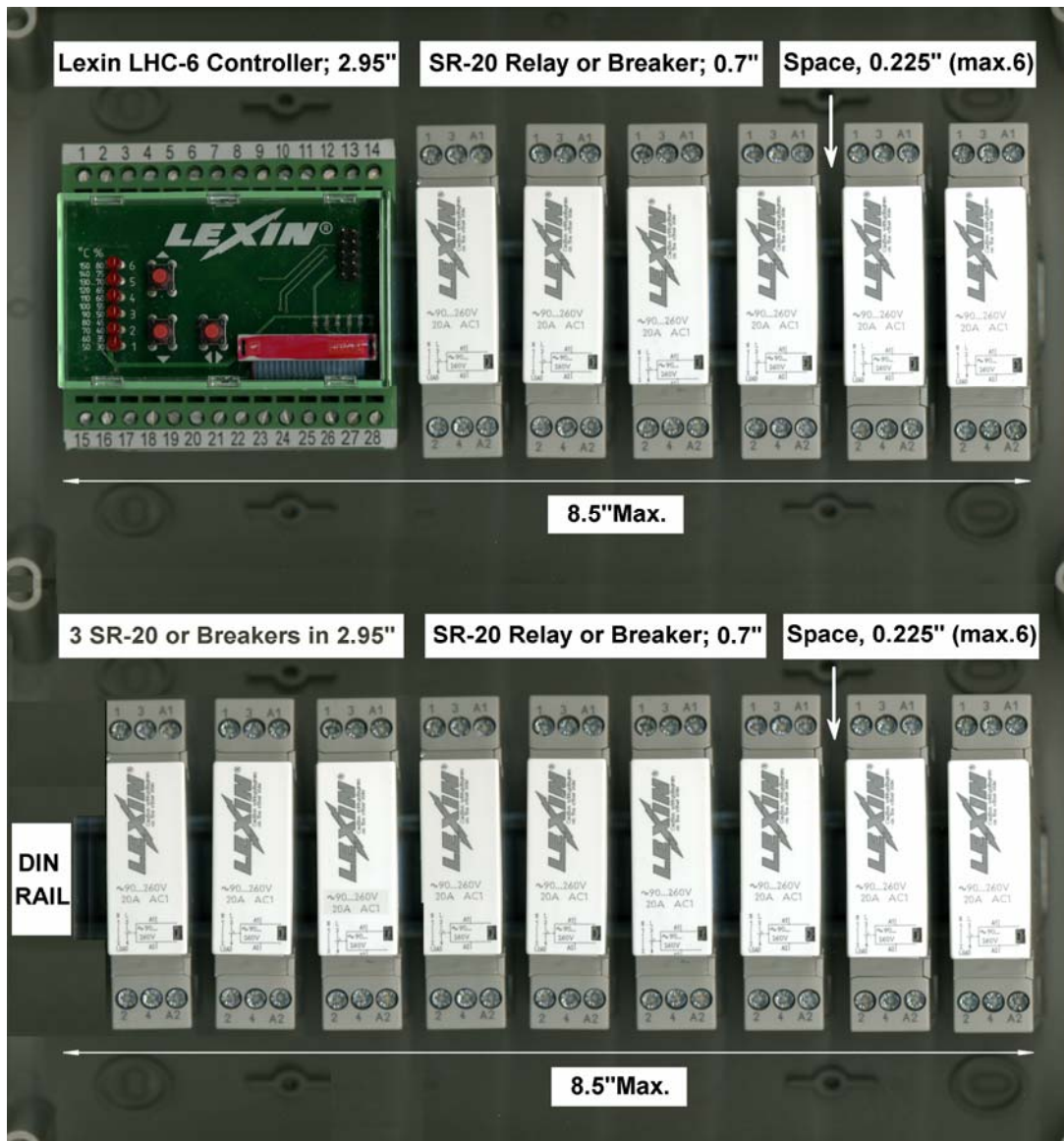
**Caution:**

Non metallic enclosures do not provide for grounding between conduit connections. Grounding hubs/connectors and jumper wires must be used!

One source for such hubs/connectors is the Myers Electric company (catalog number 5TG or STAG, followed by 1, 2, 3, 4, or 5. These are all approved for use with ENC-EK series enclosures.

Grounding wire of 10 AWG shall be used except for use of ST (A) G5; here the wire shall be 8 AWG.

Non metallic cable connectors, wire and entry hubs/connectors, accessories and sealing plugs may be ordered from reputable suppliers; these should be NEMA type 4X or better.



## Fully loaded ENC-024

(SR-20 shown, may be any combination of SR-20 and Circuit Breakers)