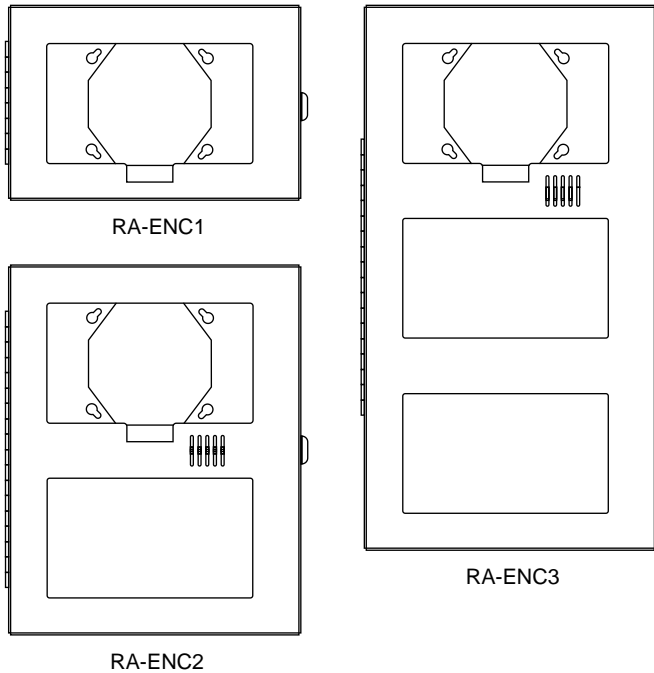




R Series Remote Annunciator Enclosures Installation Sheet



Description

The R Series Remote Annunciator Enclosures provide surface mounted protection for annunciators and expanders. Each consists of a back plate, hinged cover, and key lock.

Three models are available for housing various combinations of one R Series Remote Annunciator and one or two R Series Remote Expanders. See Table 1 for a list of enclosure model numbers.

The enclosures are 16-gauge welded steel with a white, painted finish. Each enclosure includes a lock and two keys. The two- and three-position enclosures have wiring channels for correct routing of expander cables, which are provided with the enclosures.

The enclosures attach to a standard electrical box, and provide a mounting lip that takes the place of the integral mounting ring supplied with the annunciators and expanders.

Table 1: Family Remote Annunciator Enclosure models

Model	Description
RA-ENC1	One-position enclosure for R Series Remote Annunciator
RA-ENC2	Two-position enclosure for one R Series Remote Annunciator and one Family Remote Expander
RA-ENC3	Three-position enclosure for one R Series Remote Annunciator and two R Series Remote Expander

Installation

Note: Allow approximately 2 in. (50 cm) clearance on both sides of the enclosure, to permit inserting and removing the key, and opening the door through 90 degrees.

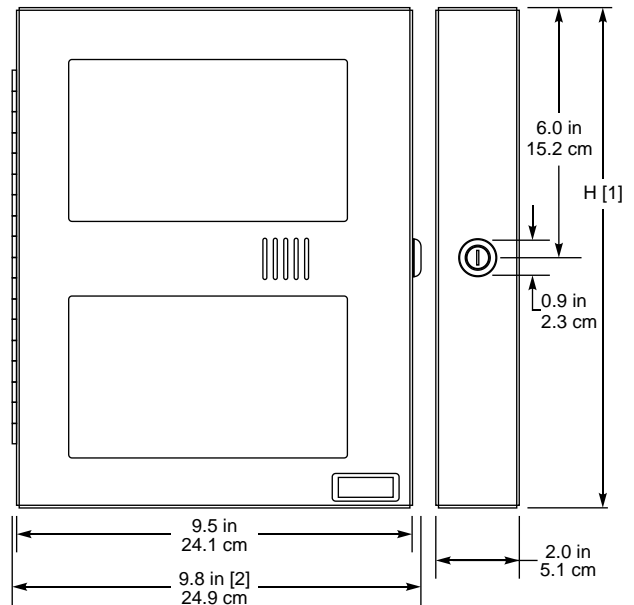
To install the enclosure:

- Secure the enclosure to the electrical box, as shown in Figure 2.
- Connect the RS-485 riser to the appropriate annunciator terminals. Refer to the annunciator installation sheet for wiring details.

Note: Leave enough wire to easily remove and position the annunciator when setting the DIP switch.

If you're installing a single-position RA-ENC1, skip to step 10.
- Complete and insert the expander labeling sheets.
- Attach the expander cable to the annunciator.
- Route the expander cable using one of the channels, so that the wiring is not pinched.
- Connect the expander cable to the expander. Attach an expander cable for interconnection to a second expander, if applicable.
- Tilt the lowest expander up and slide the mounting slot onto the lowest flange in the enclosure.
- Tilt the expander down and press the bottom of the expander over the stud-nut.
- Secure the bottom of the expander to the adapter ring using the captive screw.
- Repeat steps 7 through 9 for the remaining expander, if applicable.
- Tilt the annunciator up and slide the mounting slot onto the top flange in the enclosure.
- Tilt the annunciator down and press the bottom of the annunciator over the stud-nut.
- Secure the bottom of the annunciator to the adapter ring using the captive screw.
- Cover the screw hole with the product label plate.

Figure 1: Enclosure dimensions



- [1] Height of enclosures
 RA-ENC1: 6.3 in. (16.0 cm)
 RA-ENC2: 12.0 in. (30.5 cm)
 RA-ENC3: 17.7 in. (45.0 cm)
- [2] Leave a clearance of approximately 2 in. (50 cm) on both sides of the enclosure.

Specifications

Wiring	All wiring within the enclosures must be power-limited
Mounting	North American 4-inch square or 3-gang electrical boxes
Dimensions (H x W x D)	
RA-ENC1	6.3 x 9.8 x 2.0 in. (16.0 x 24.9 x 5.1 cm)
RA-ENC2	12.0 x 9.8 x 2.0 in. (30.5 x 24.9 x 5.1 cm)
RA-ENC3	17.7 x 9.8 x 2.0 in. (45.0 x 24.9 x 5.1 cm)
Material	16-gauge welded steel
Finish	White enamel
Operating environment	
Temperature	32 to 120°F (0 to 49°C)
Relative humidity	0 to 93% noncondensing

Contact information

For contact information, see www.edwardsfiresafety.com.

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Figure 2: Mounting the enclosure and installing annunciators and expanders

