

XRM-24 Transformer

Product Installation Drawing

Doc. # 50012, Rev B 04/07/05 ECN 05-198

The **XRM-24** is a 24 volt, 100VA transformer which, when installed, will provide maximum accessory power. The XRM-24 mounts on two studs located in the backbox below the factory installed standard transformer.

Installation

- 1) Remove all sources of power from the panel, AC and DC
CAUTION: Do not attempt to install the optional XRM-24 Transformer while power is applied to the panel as this may result in personal injury or damage to the panel.
- 2) Mount the XRM-24 Transformer to the studs located beneath the factory installed transformer and secure with the supplied #6 Kep nuts (turn clockwise) as illustrated in Figure 1 below.
- 3) **IMPORTANT!** In some installations, the transformer mounts partially under the FACP circuit board. In these installations, the transformer must be insulated from the circuit board by installing the supplied insulating *fish* paper between the transformer and circuit board as illustrated in Figure 2 below.
- 4) Remove the protective locking connector which is labeled 'CAUTION! HIGH VOLTAGE' (located below the factory installed transformer connector).
- 5) Carefully align the XRM-24 connector with the mating connector on the main circuit board. Note the protective key in the XRM-24 connector.
- 6) Reapply power to the panel.

Ratings

Normal operating voltage = 24 volts DC. Maximum Current = 3.6 Amps

Refer to appropriate product Technical Manual for maximum accessory power specifications.

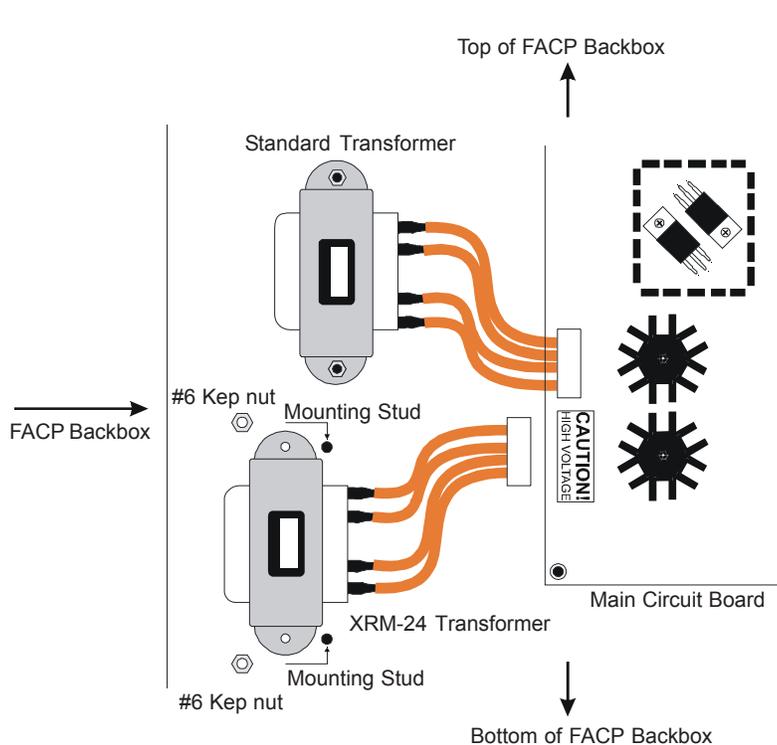
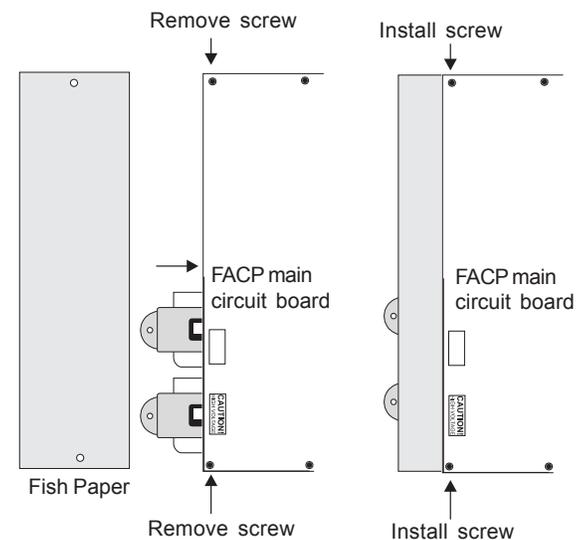


Figure 1: XRM-24 Installation



Slide insulating fish paper between transformers and circuit board, position holes over circuit board mounting standoffs and secure with circuit board mounting screws.

Figure 2: Fish Paper Installation