

## Industrial Control Transformers

### FBXC (Secondary Fuse & Touchproof Covers) Installation Manual



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### Caution

*Make sure all power is off  
before any wiring is started.*

## Secondary Fusing

**FB2** Fuse holder is rated for ¼ X 1 ¼ 3AG fuses up to 15 amps at 250 volts. (10 amps fro CSA)  
The fuse holder is rated for wire sizes from 12 to 22 ga and maximum torque is 10 lbs.

**FB2X** Fuse holder is rated for 13/32 X 1 ½ cartridge fuses up to 30 amps and 250 volts.

### Transformer Terminal Block

The terminal block is rated for wire sizes from 10 to 22 ga and the maximum torque is 18 lbs.

## Custom Wiring

### Primary Leads

1. Verify that the primary jumpers are in the right location for the desired input voltage. It comes wired from the factory for the highest input voltage.
2. Connect the primary source leads to the input terminal block.

### Secondary Leads

FB2 Option (ordered separately)

1. Follow the installation manual for the FB2 kit.

FB2X Option (supplied with transformer)

2. Connect the secondary load wires to F2 and X2.

Included with the FBXC kit:

- One machine screw 6/32
- Four thread forming screws
- Instruction Sheet
- Plastic Finger Safe Cover FSC1
- Plastic Touch Proof Cover TPC1

This kit includes plastic covers for the Secondary Fusing and Primary Terminal Block.

Before the covers are installed, select the proper fuses for your application and complete the input and output wiring.

### Secondary Fuse Cover

Secondary load connections should already be connected. Refer to the instructions included with the fuse kit.

Fuse cover for 1/4 X 1 1/4 AG type fuse (FB2 must be ordered separately )

1. Place the FSC1 cover (J) over the secondary fuse per illustration FB2.
2. Secure the cover with the one 6/32-screw (F) included with the kit.

Fuse cover for 13/32 X 1 1/2 cartridge type fuse (FB2X supplied with transformer )

1. Place the FSC1 cover (J) over the secondary fuse per illustration FB2X.
2. Secure the cover with the two thread forming screws (E) included with the kit.

### Primary Terminal Cover

Install TPC1 cover (G) onto the transformer terminal block per the illustration using two thread forming screws (H) included. Make sure the lip (I) of the covers is towards the outside of the transformer.

