SOLA HD

Industrial Control Transformers

FBPC1
(Fuse Holders & Protections Covers)
Installation Manual

F B P C 1

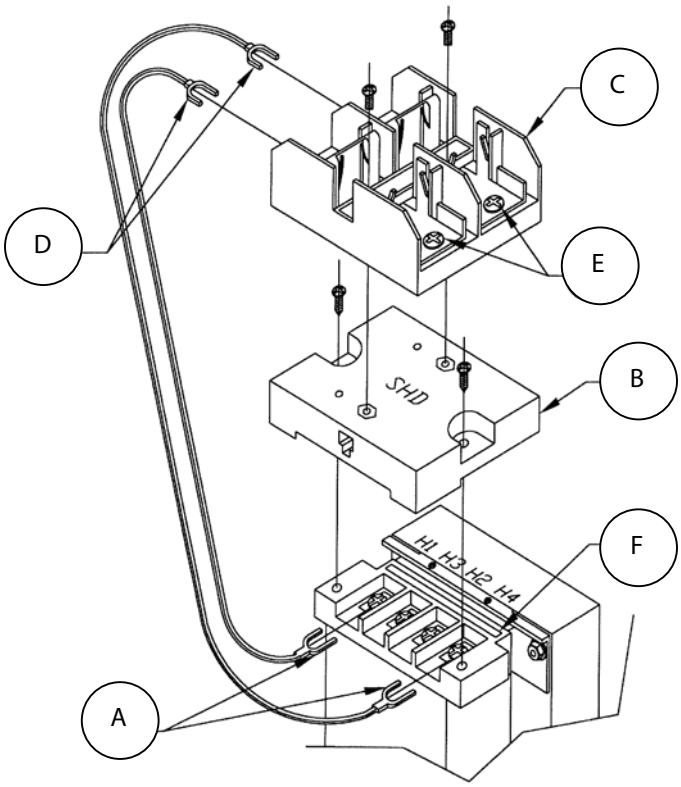
RoHS

EMERSON

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REV. 03 (05/16)
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Caution

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



Primary Fuse Applications

The fuse holder is designed for one or two “CC” rejection type fuses. Maximum torque on the transformer terminal block is 18 in-lbs. The terminal block is rated for wire sizes 10 to 22ga. Maximum torque on the fuse block is 20 in-lbs. The fuse block is rated for wire sizes 10 to 20ga.

Instructions for using two “CC” rejection type fuses. If only one is used, eliminate the hookup of one of the jumper wires.

1. Verify that the primary jumpers are in the right location for the desired input voltage.
2. Connect one side of one of the jumper (A) to H1 and the other jumper (A) to H4. (If using only one fuse, connect one primary source wire to H4.
3. Mount the fuse adapter plate (B) to the terminal block using the two thread forming screws. The ridge on the bottom of the fuse adapter plate must fit into the slot (F) of the terminal block. The SHD must face to the outside of the transformer.
4. Mount the enclosed fuse block (C) to the fuse adapter plate (B) using the two machine screws included.
5. Connect the other side of the jumpers (D), refer to step 2, to the two screw terminals on the fuse block.
6. Connect the primary source leads to the two screw terminals (E) on the fuse block.

Included with the FBPC1 kit:

- One fuse adapter plate
- One two pole 13/32 x 1 ½ “CC” type fuse block
- Three machine screws 6/32
- Four thread forming screws
- Two #14 ga jumper wire 6 inches long with spade lugs on each end
- Instruction Sheet
- Plastic Finger Safe Cover FSC1
- Two “CC” type safety covers

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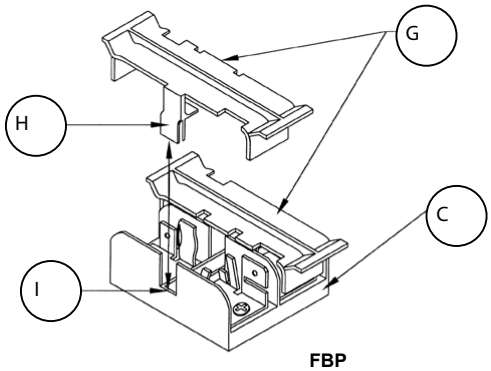
Install Primary (see other side) & select and install Secondary fusing before installing covers.

This kit includes plastic covers for the three fusing options: FBP, FB2, and FB2X.

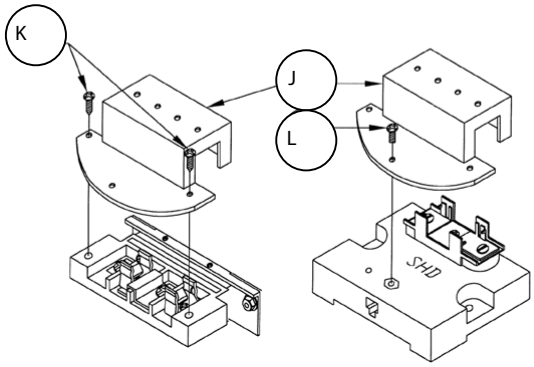
Primary fuse covers (type “CC” rejection type fuses only)

The Kit includes two plastic primary fuse covers (G) one for each of the two primary fuse holders. Primary source leads should already be connected to the fuse block (C). (see other side)

1. Install the “CC” type fuse into the plastic fuse cover (G). Note: the fuse can only be installed in one direction. View the small diagram on the plastic part at (H) for proper direction.
2. Carefully install the plastic fuse cover in the primary fuse block (C). Note: The plastic fuse cover can only be installed in one direction. Carefully align the cover so that it fits over the slot at (I) on the printed side of the fuse block.
3. Repeat if a second fuse is used



FBP



FB2X **FB2**

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 ¼ 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 (L) included with the kit.

Fuse cover for 13/32 X 1 ½ 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 (K) included with the kit.