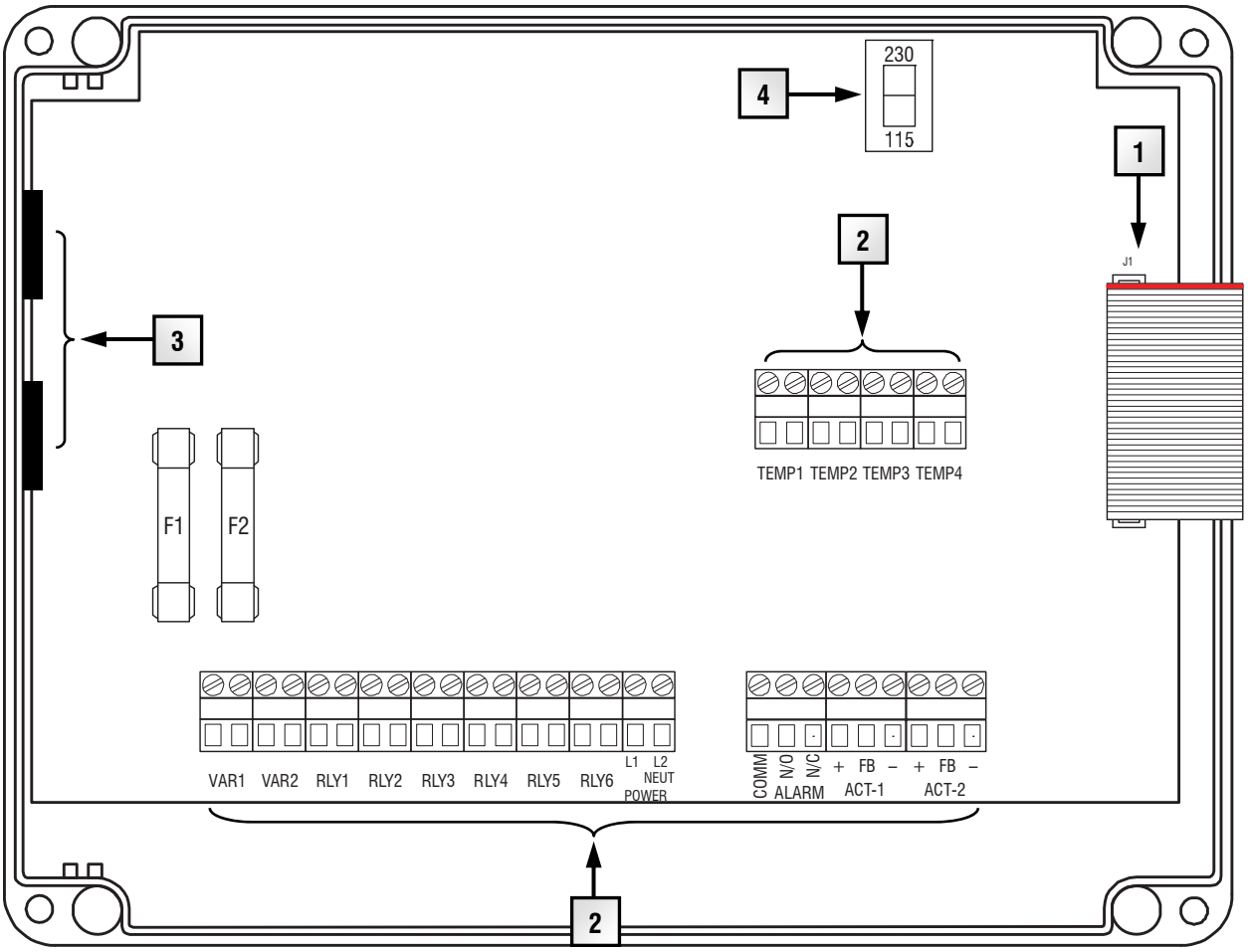
PBx-10 control kit installation guide

The PBx-10 control board kit (K329001) is a replacement circuit board for the PBx-10 Power Block. Follow the instructions, in the order they are listed, to replace the circuit board.



1	**Display cable**: make sure the ribbon cable from the display is properly connected to the socket.
2	**Terminal blocks**: label all wires and cables before disconnecting them.
3	**Triacs:** remove the screws fastening the triacs stripping heat sink.
4	**Voltage selection switch**: set this switch to the correct voltage before installing the replacement circuit board.

Removing the old circuit board

Before installing the kit or servicing the control, switch OFF the power at the source.

1. Switch off the power to the PBx-10.
2. Remove the cover from the unit.
3. Disconnect the ribbon cable from the socket.
4. Label and remove the wires from the terminal blocks on the circuit board.
5. Remove the screws fastening the triacs to the heatsink.
6. Remove the five screws fastening the circuit board to the enclosure.
7. Remove the circuit board from the enclosure.

Installing the new circuit board

1. Wipe the white grease and dust from the inside of the heatsink using a clean cloth.
2. Remove the new circuit board from the bag.
3. Set the voltage selection switch to the correct voltage.
4. Remove the orange caps from the triacs. Avoid contaminating the white grease with dust.
5. Place the new circuit board in the enclosure.
6. Fasten the circuit board to the enclosure using the five screws.
7. Fasten the triacs to the heatsink using the screws. The triacs must be flush against the heatsink. Do not over tighten the screws.
8. Reconnect the wires to their correct terminals.
9. Reconnect the ribbon cable to the socket.
10. Verify all the wires are properly connected to their correct locations.
11. Switch on the power to the control and verify it operates properly. If it does not operate properly, check the wiring and ribbon cable connection. If the unit still will not operate properly, contact your dealer.
12. Fasten the cover to the enclosure using the four screws.

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