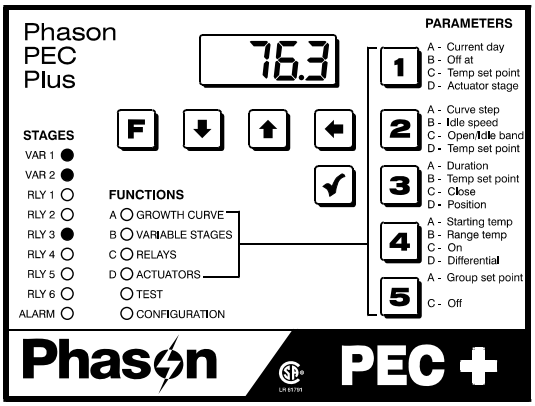
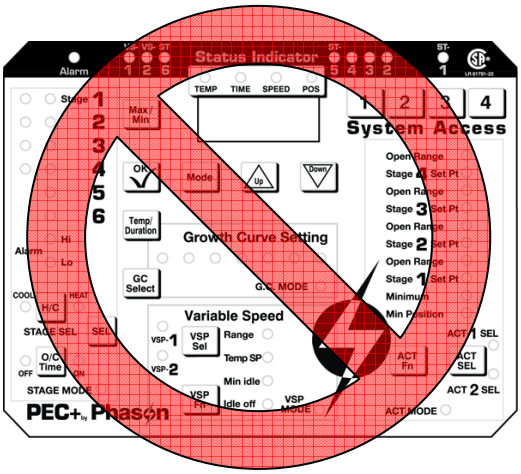
PEC Plus socketed relay kit installation guide

The PEC Plus control board kit with socketed relays (K170048-RS) is a replacement circuit board for your PEC Plus control.

NOTE

The PEC Plus socketed relay kit works only with controls having the display type shown below on the left. The kit **does not work** with the display type shown below on the right.



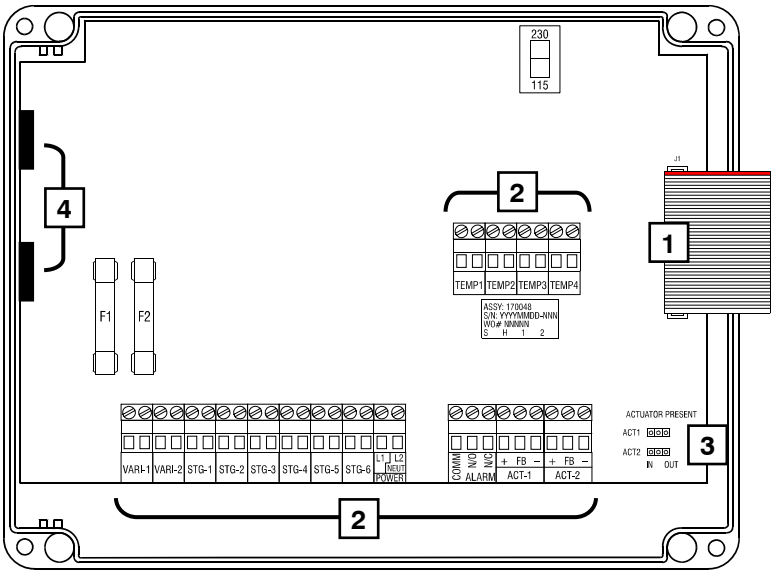


Removing the old circuit board

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

Refer to the diagram on the next page.

1. Switch off the power to the PEC Plus.
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. Note the position of the jumpers.
6. Remove the screws fastening the triacs to the heatsink.
7. Remove the five screws fastening the circuit board to the enclosure.
8. Remove the circuit board from the enclosure.



1. Display cable
2. Terminal blocks
3. Actuator present pins
4. Triacs

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 and place the jumpers in the correct position.
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.

Phason Inc.
2 Terracon Place
Winnipeg, Manitoba, Canada
R2J 4G7

Phone: 204-233-1400
Fax: 204-233-3252

E-mail: support@phason.ca
Web site: www.phason.ca