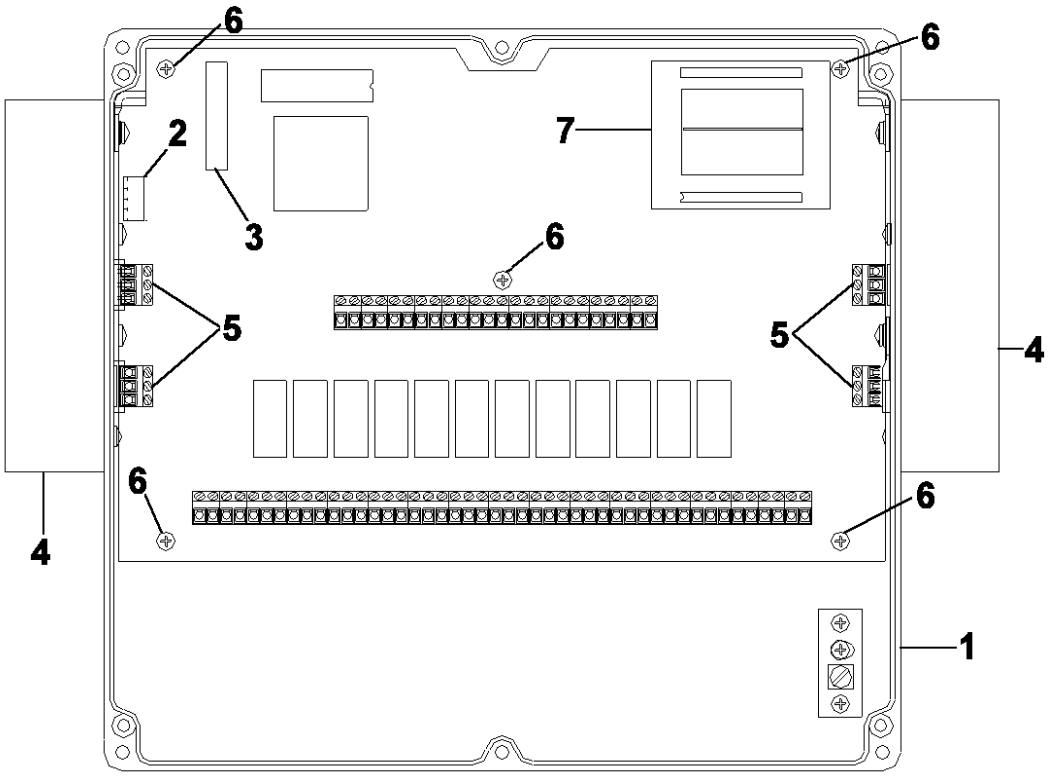
Supra control kit installation guide

The super control kit (K210002) is a replacement circuit board for your Supra 16-stage control.

- ◇ The Supra control kit must be installed by a qualified electrician.
- ◇ Before servicing the Supra, switch OFF incoming power to the Supra and all loads.
- ◇ Install the Supra control kit according to local electrical codes.

Disposition Supra



1	Enclosure	4	Heatsinks
2	COM socket	5	Triac terminals
3	CON-3 socket	6	Circuit board screws

Removing the old circuit board

1. Switch off the power to the Supra and all loads.
2. Loosen the cover screws and then open the cover.
3. Disconnect the ribbon cable.
4. If you are using SupraWare, disconnect the cable connected to the **COM** socket.
5. Label the remaining wires connected to the circuit board.
6. Loosen the terminal screws and then remove the wires from the terminals.
7. Remove the black screw fastening each triac (for them) to the heatsink.
8. Loosen the terminal screws and then remove the triacs.
9. Remove the five screws fastening the circuit board to the enclosure.
10. Remove the circuit board from the enclosure.

Installing the replacement circuit board

1. Wipe the thermal compound (white grease) and dust from the inside of the heatsink.
2. Remove the replacement circuit board from the bag.
3. Fasten the circuit board to the enclosure using the five screws.
4. Gently remove the orange caps from the triacs. Avoid contaminating the thermal compound with dust or other material.
5. Insert each triacs into a triacs terminal on the circuit board.
6. Press each triac against a heatsink and then fasten them in place using the black screws. Each triac must be flush against the heatsink.
7. Tighten, but do not over tighten the triac terminal screws.
8. Insert the wires into the terminals on the circuit board and then tighten the terminal screws.
9. Connect the ribbon cable to the **CON-3** socket.
10. If you are using SupraWare, connect the COM connector to the **COM** socket**.**
11. Make sure all wires are connected properly.
12. Switch on the power to the control and loads. Verify that the control and loads operate properly. If the control does not operate properly, switch off the power and then check the wiring. If all wiring is correct and the control does not function correctly, contact your Phason dealer.
13. Close the cover and then tighten the four screws.

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