

Ethernet Module Replacement Instructions

! WARNING Risk of Fire or Electric Shock

- Turn power off at main panel before servicing this switch or the equipment it controls.
- More than one disconnect switch may be required to de-energize the equipment before servicing.

! CAUTION Risk of Unintended Equipment Operation

Keep low-voltage wiring separate from high-voltage wiring, including deadfront material between wiring areas. Separate conduit may be used for low-voltage wiring if no line voltage wiring is present.

Ethernet Module Replacement Guidelines

There are separate Ethernet Module replacement instructions for the one and two circuit time switches and the 4 to 16 circuit time switches. Be sure to follow the applicable Ethernet Module replacement instructions for your ET90000 time switch.

Replacing Ethernet Module on 1 or 2 Circuit Time Switch

Follow the instructions below to replace an Ethernet Module on a 1 or 2 circuit ET90000 time switch.

1. Disconnect power to the time switch.
2. Open the time switch enclosure cabinet door.
3. At the bottom of the time switch, disconnect the Ethernet cable from the port in the Ethernet module plastic enclosure.
4. Disconnect the Ethernet module ribbon cable connector plug from the terminal connector.
5. Remove the rivets that secure the Ethernet Module and remove the module from the plastic insulator.
6. Dispose of the rivets and module.

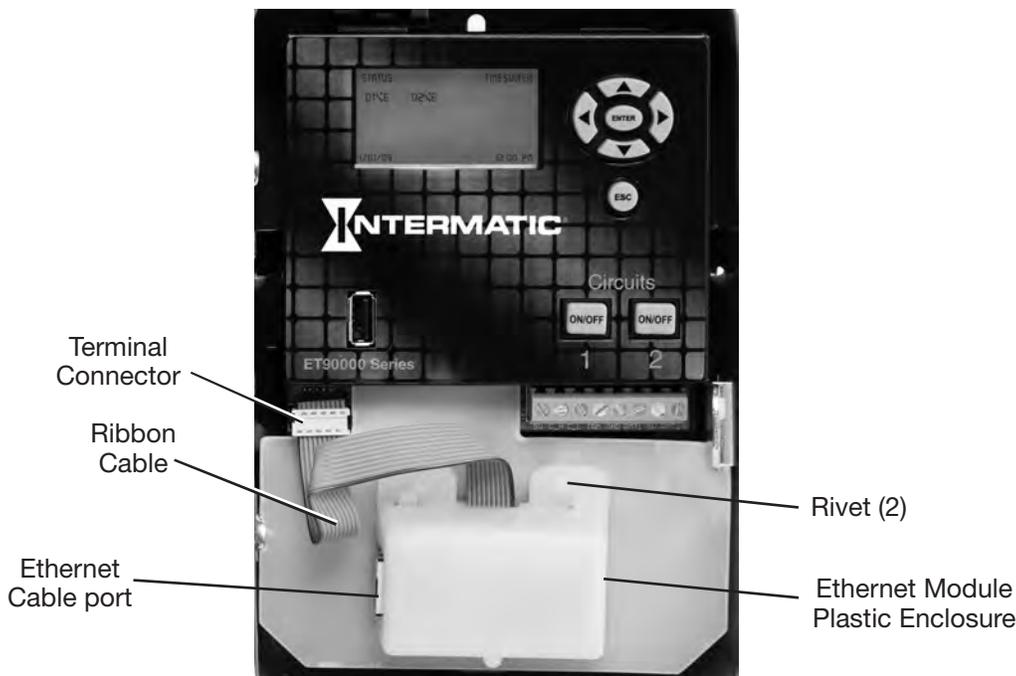


Figure 1. ET90000 with Ethernet Module components shown

7. Align the new Ethernet module plastic enclosure over the holes on the plastic insulator and secure the plastic enclosure with the rivets provided with the new module.
8. Connect the ribbon cable connector plug to the terminal connector.
9. Insert the Ethernet cable into the Ethernet port in the enclosure.
10. Close the time switch enclosure door.
11. Return power to the time switch.

Replacing Ethernet Module on 4 to 16 Circuit Time Switch

Follow the instructions below to replace an Ethernet Module on a 4 to 16 circuit ET90000 time switch.

1. Disconnect power to the time switch.
2. Open the time switch enclosure door.
3. Remove the screws from the deadfront and remove the deadfront from the enclosure. Set aside the deadfront and screws for re-use.

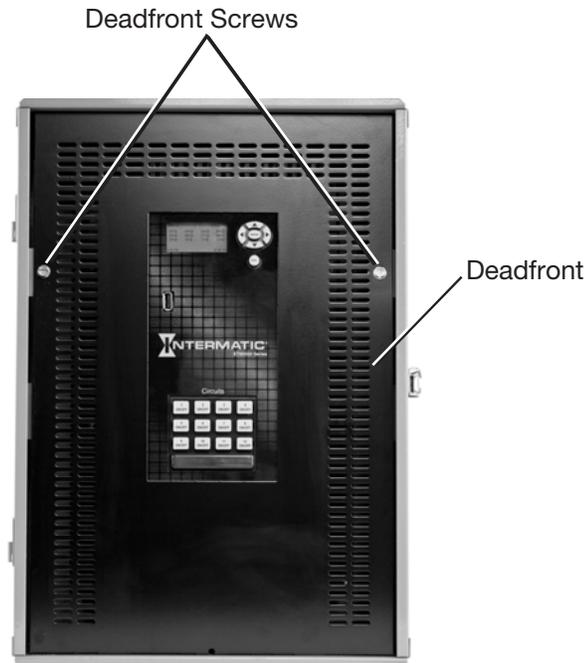


Figure 2. Removing the deadfront.

4. Remove the screw that secures the time switch controller door assembly. Set aside the screw for re-use.



Figure 3. Time switch controller door assembly with screw.

5. On the inside of the door assembly, disconnect the Ethernet cable from the module.
6. Disconnect the Ethernet module ribbon cable connector plug from the applicable terminal connector.
7. Remove the three screws that secure the Ethernet Module and remove the module from inside of the door assembly. Set aside the screws for re-use.

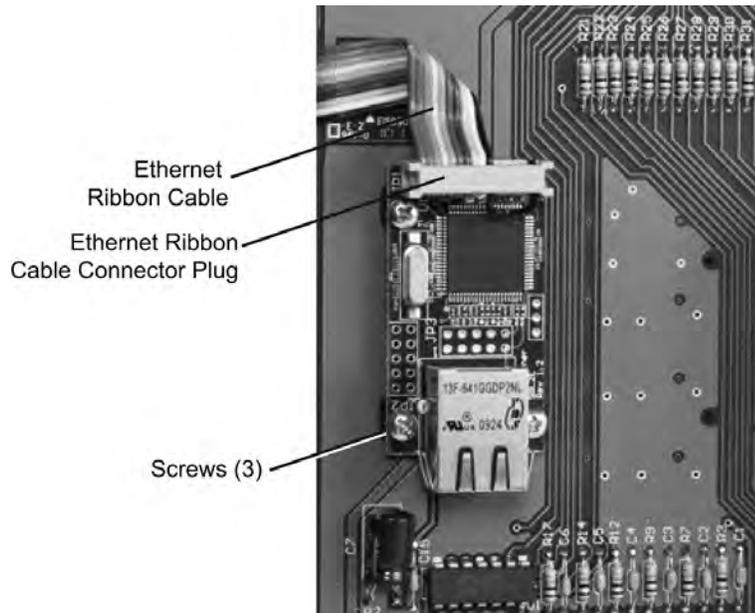


Figure 4. Removing the Ethernet Module.

8. Open the new ET9232 Ethernet module plastic enclosure and remove the board.
9. Discard the plastic enclosure.
10. Remove and discard the ribbon cable from the Ethernet module board.

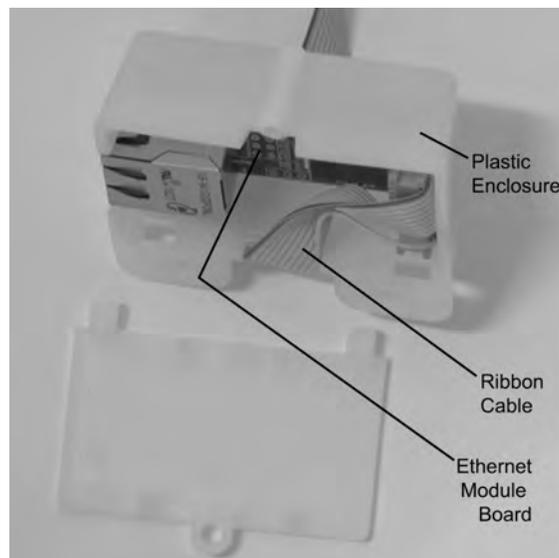


Figure 5. Ethernet module plastic enclosure.

11. Align the module board over the holes on the door assembly and secure the board with the screws previously removed in step 7.
12. Connect the ribbon cable connector plug to the applicable terminal connector. See Figure 4.
13. Insert the Ethernet cable into the Ethernet port on the module.
14. Close the door assembly and secure with the screw previously removed in step 4.
15. Return the deadfront to the enclosure and secure with the screws previously removed in step 3.
16. Close the time switch enclosure door.
17. Return power to the time switch.

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INTERMATIC INCORPORATED
SPRING GROVE, ILLINOIS 60081
www.intermatic.com