



RPL-TR-063A Replacement Transformer for the FX-3500 Fire Alarm Control Panel

The RPL-TR-063A kit comes with all the parts needed to replace a damaged TR-063A transformer on an FX-3500 Fire Alarm Control Panel.

Parts List

- Qty 1 ... TR-063A transformer
- Qty 4 ... #8-32 nuts with integrated lock washer

Installing the TR-063A Transformer

To install the TR-063A you must:

- A. Power down the FX-3500
- B. Replace the TR-063A
- C. Power up the FX-3500

Refer to the sections below for details on how to perform each step.

A. Power down the FX-3500

1. Disconnect the backup batteries.
2. Disconnect AC power going to the panel.

B. Replace the TR-063A

1. Disconnect the damaged transformer by performing the following steps (refer to Figure 1 for the locations of connectors and terminals):
 - Disconnect the transformer's red wire from the A.C. (~) connector on the bridge rectifier.
 - Disconnect the transformer's blue wire from the common terminal on the bridge rectifier.
 - Loosen the set screws securing the transformer's brown, black, and white/blue stripe wires to the four position terminal block, and then remove the wires.
2. Remove the four nuts securing the TR-063A to the back plate.
3. Remove the damaged TR-063A and replace it with the new TR-063A.
4. Secure the new transformer to the back plate with either the four nuts provided or the nuts you removed in step 2.
5. Make the following connections:
 - Connect the red wire from the TR-063A to the A.C. (~) connector on the bridge rectifier.
 - Connect the blue wire from the TR-063A to the common connector on the bridge rectifier.
 - Insert the brown wire from the TR-063A into the 240V terminal of the four position terminal block, and then tighten the set screw.
 - Insert the black wire from the TR-063A into the 120V terminal of the four position terminal block, and then tighten the set screw.
 - Insert the white/blue stripe wire from the TR-063A into the neutral (N) terminal of the four position terminal block, and then tighten the set screw.

C. Power up the FX-3500

1. Connect AC power to the panel.
2. Connect the backup batteries.

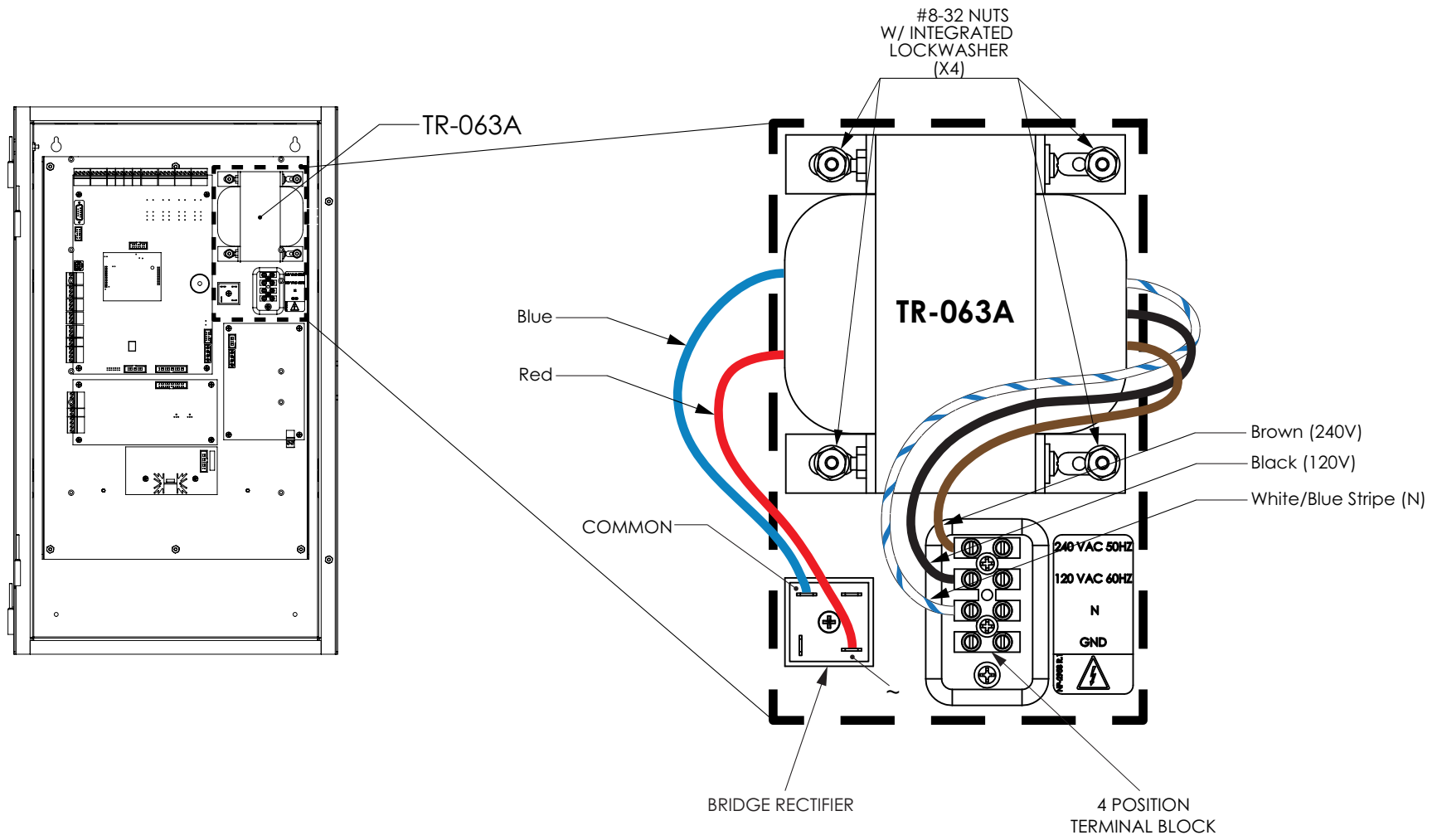


Figure 1: Locations of connectors and terminals for the TR-063A.