

FLOOR INSERT CONVECTOR | FI SERIES RELAY INSTALLATION

RE153 - RE156 SERIES

JUNCTION BOX INSTALLATION AND WIRING - LEFT SIDE ONLY

WARNING

Before installing and operating this product, the user and/or installer must read, understand and follow these instructions and keep them handy for future reference. If these instructions are not followed, the warranty will be considered null and void and the manufacturer deems no further responsibility for this product. The following instructions must be adhered to in order to avoid personal and serious injuries, property damages and potentially fatal electric shocks. Switch off the power at the circuit breaker/fuse before installing, repairing and cleaning the unit. Make sure the unit is appropriate for the intended use (if needed, refer to the product catalog or a representative).

1. Remove the grill of the unit and remove the two junction box covers. Next, remove the unit from its housing.
2. Position the relay on the top of the voltage separator. Position the relay in the junction box (Arrow pointing up) and install with screws. FIG. 1
3. Pass the blue wires (control side) of the relay through the hole of the separator. FIG. 2
4. Insert the control wires supplied by the installer into the baseboard electrical box through one of the knock outs (KOE) Then, insert the same wires into the voltage separator hole. Connect the low voltage wires with the relay wires using an appropriate wire nut. For the connections, refer to the diagram included with the relay.
5. Connect one of the black wires of the relay with the wire coming out of the wireway using a wire nut. FIG. 3
6. Connect the other black wire of the relay with the line feed (L1) and the thermal protection wire with the other line (L2/N). FIG. 4
7. Close the junction box and replace the cover, making sure the wires are well positioned.



FIG. 1



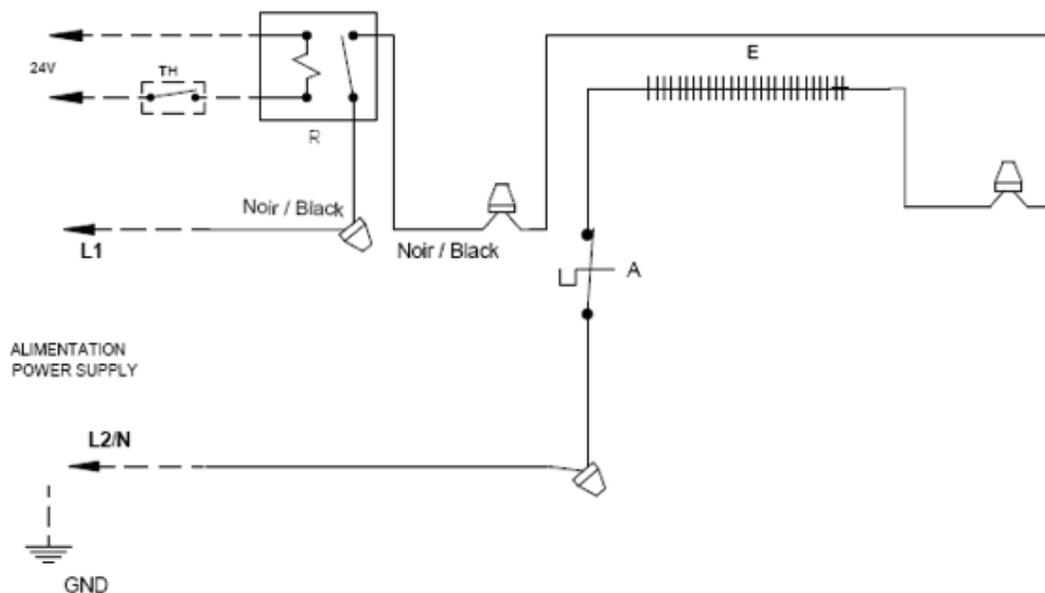
FIG. 2



FIG. 3



FIG. 3



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FIG. 1



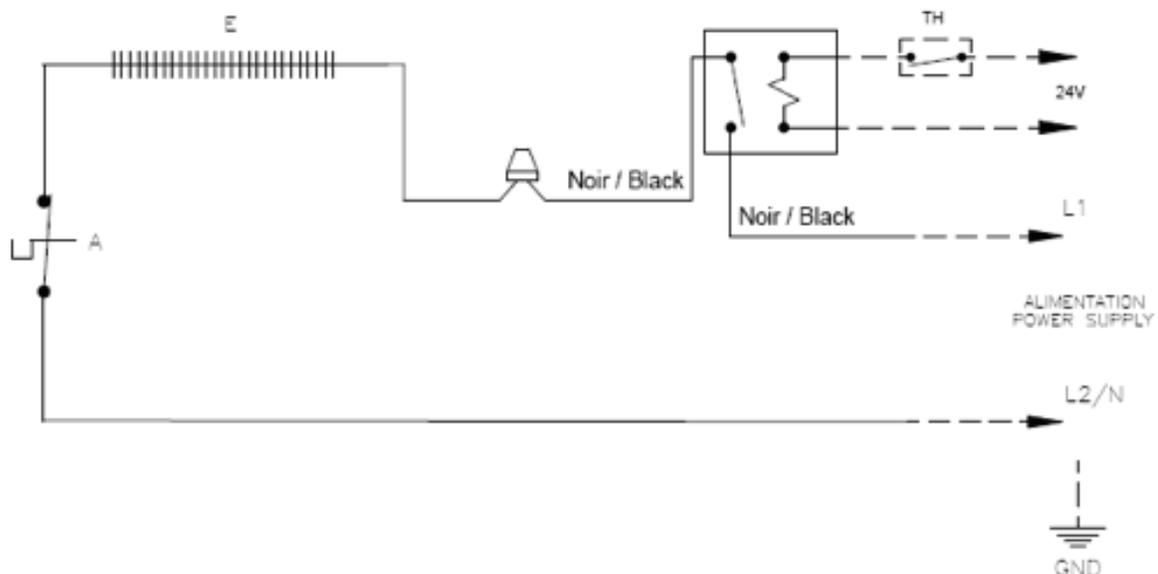
FIG. 2



FIG. 3



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1. Remove the grill of the unit and remove both the junction box covers. Next, remove the unit from its housing.
2. Position the relay on the top of the voltage separator. Position the relay in the junction box (Arrow pointing up) and install with screws. FIG. 1
3. Insert the black, red and white relay wires (control side) into the hole of the voltage separator. FIG. 2
4. Insert the control wires supplied by the installer into the baseboard electrical box through one of the knock outs (KOE). Then, insert the same wires into the voltage separator hole. Connect the low voltage wires with the relay wires using a wire nut. Refer to the diagram included with the relay for the different options.
5. Connect the blue relay wire with the wire that comes out of the wireway by using an appropriate wire nut. FIG. 3
6. Connect the white relay wire (power side) to the thermal protection wire and a line feed (L2/N) wire by using an appropriate wire nut and connect the black relay wire (power side) to the other wire coming from the line feed (L1) by using an appropriate wire nut. FIG. 4
7. Close the junction box and replace the cover, making sure the wires are well positioned.



FIG. 1



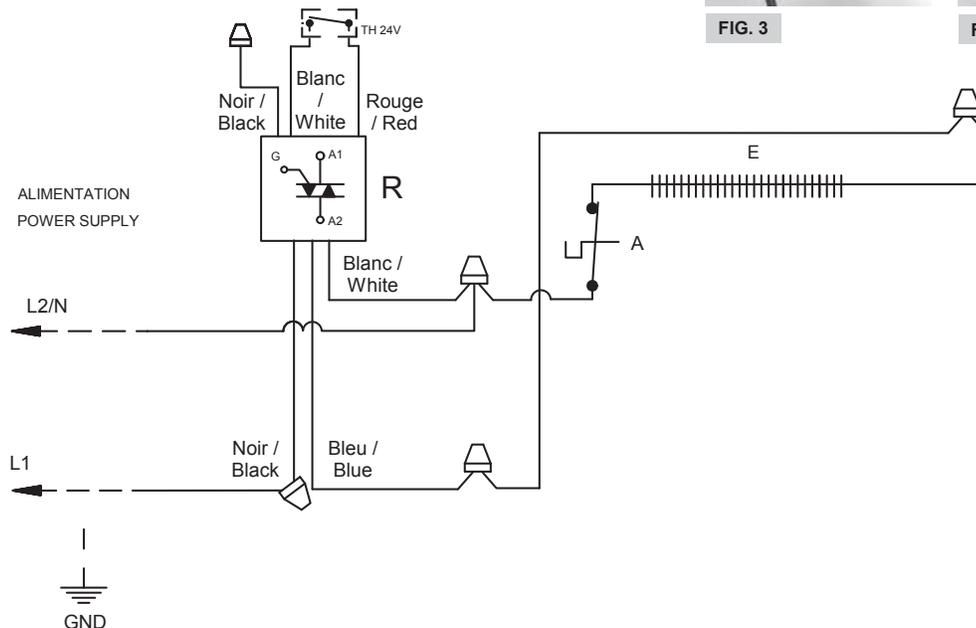
FIG. 2



FIG. 3



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5. Connect the blue relay wire with the wire that comes from the heating element by using an appropriate wire nut. FIG. 3
6. Connect the white relay wire (power side) to the wire coming out the wireway and a line feed wire (L2/N) by using an appropriate wire nut and connect the black relay wire (power side) to the other wire coming from the line feed (L1) by using an appropriate wire nut. FIG. 4
7. Close the junction box and replace the cover, making sure the wires are well positioned.



FIG. 1



FIG. 2



FIG. 3



FIG. 3

