

ALUMINUM DRAFT BARRIER | DBI 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 front cover of the unit.
2. Remove the plastic protectors from both sides of the voltage separator supplied. FIG. 1
3. Position the relay on top of the voltage separator. Position the relay and install with screws. FIG. 2
4. Insert the blue relay wires (control side) into the hole of the voltage separator. FIG. 2
5. Insert the control wires supplied by the installer into the unit's electrical box through one of the knockouts (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.
6. Connect one of the black relay wires to the wire coming out of the wireway by using an appropriate wire nut. FIG. 3
7. Connect the other black relay wire to the line feed wire by using a wire nut. (L1) and the wire from the element to the other line feed (L2/N).
8. Close the junction box and replace the cover, making sure the wires are well placed inside the box.

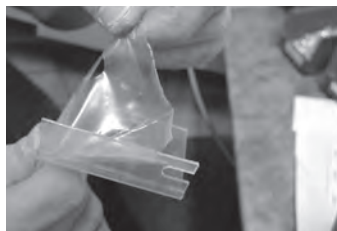


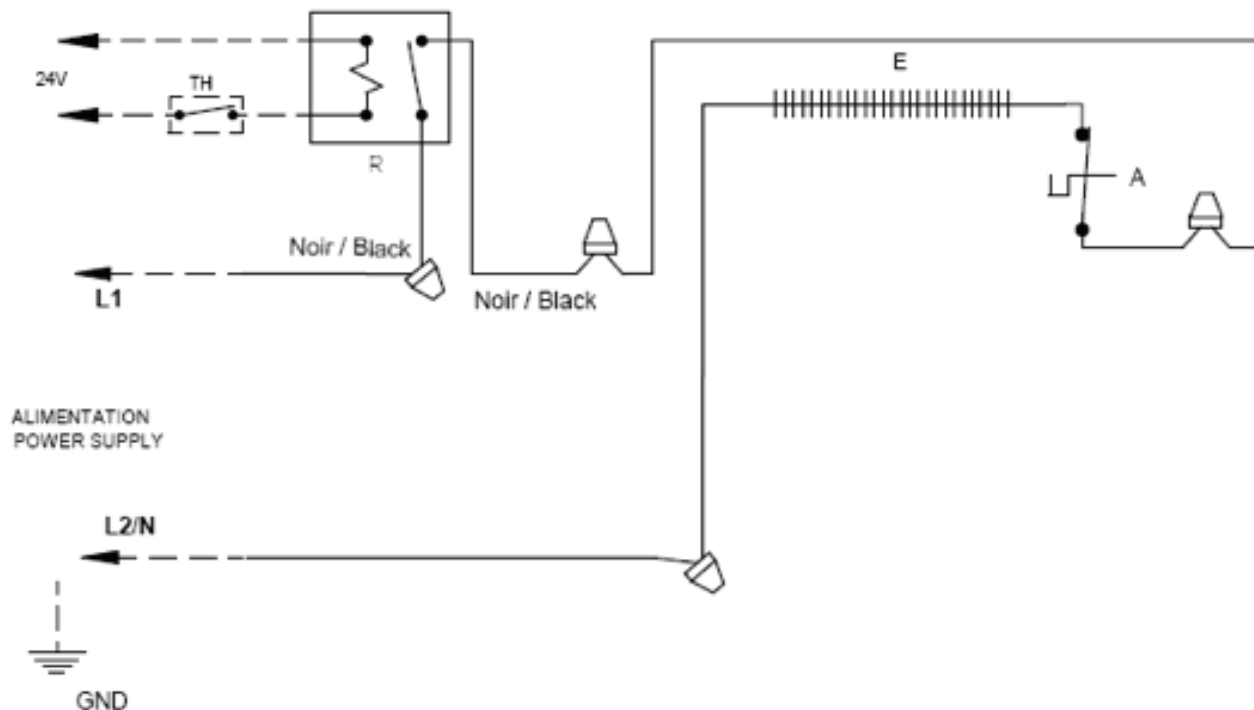
FIG. 1



FIG. 2



FIG. 3



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6. Connect one of the black relay wires to the wire of the thermal protection by using an appropriate wire nut. FIG. 3
7. Connect the other black relay wire to the line feed wire by using a wire nut. (L1) and the wire from the wireway to the other line feed (L2/N).
8. Close the junction box and replace the cover, making sure the wires are well placed inside the box.



FIG. 1

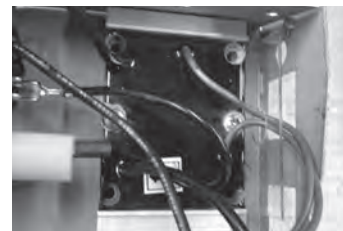
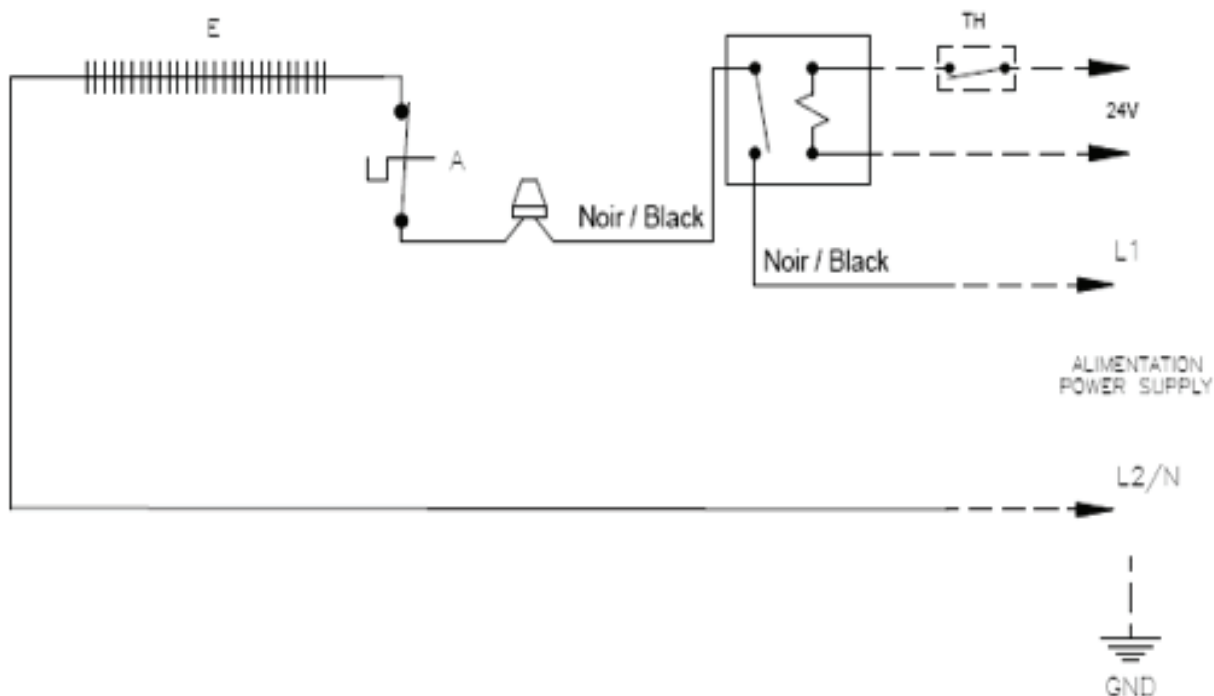


FIG. 2



FIG. 3



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1. Remove the front cover of the unit.
2. Remove the plastic protectors from both sides of the voltage separator supplied. FIG. 1
3. Position the relay on top of the voltage separator. Position the relay and install with screws. FIG. 2
4. Insert the black, red and white relay wires (control side) into the hole of the voltage separator. FIG. 3
5. Insert the control wires supplied by the installer into the unit's electrical box through one of the knockouts (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.
6. Connect the blue relay wire to the wire that comes out of the wire way (at the top of the unit) by using an appropriate wire nut. FIG. 4
7. Connect the white relay wire (power side) to the element wire and a line feed wire (L2/N) by using an appropriate wire nut. FIG. 5
8. Connect the black relay wire (power side) to the other wire coming from the line feed (L1) by using an appropriate wire nut.
9. Close the junction box and replace the cover, making sure the wires are well placed inside the box.



FIG. 1



FIG. 2



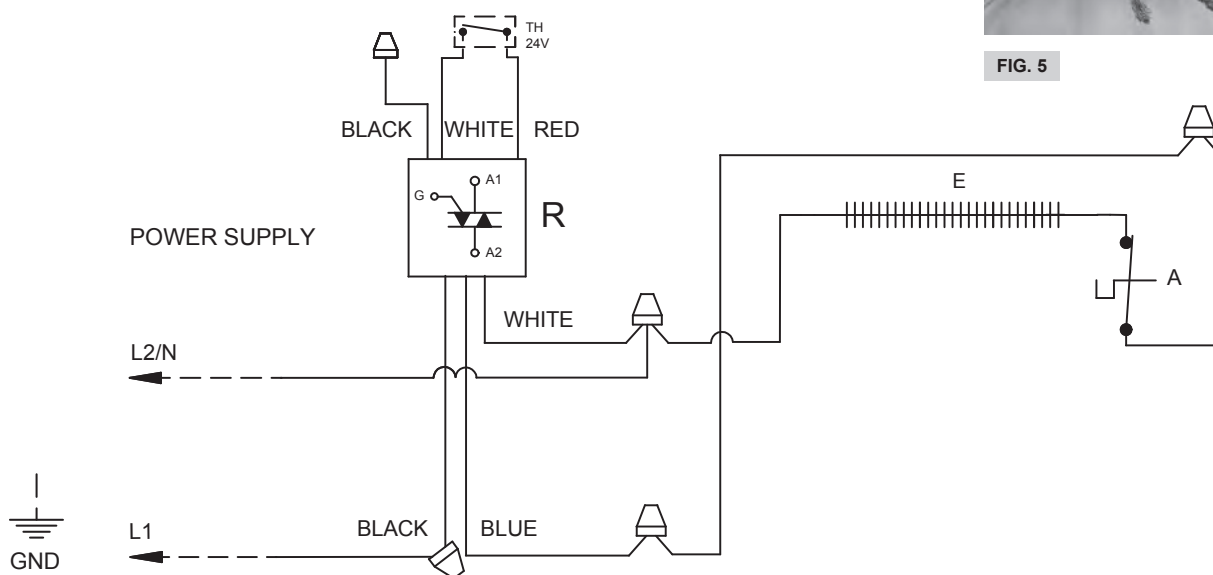
FIG. 3



FIG. 4



FIG. 5



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7. 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. FIG. 5
8. Connect the black relay wire (power side) to the other wire coming from the line feed (L1) by using an appropriate wire nut.
9. Close the junction box and replace the cover, making sure the wires are well placed inside the box.



FIG. 1



FIG. 2



FIG. 3



FIG. 4



FIG. 5

