

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 cover of the unit and remove the junction box cover.
2. Position the relay on 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 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 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.
5. Connect one of the black wires of the relay with the wire coming out the wireway. FIG. 3
6. Connect the other black wire of the relay with the line feed (L1) and the wire of the heating element 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



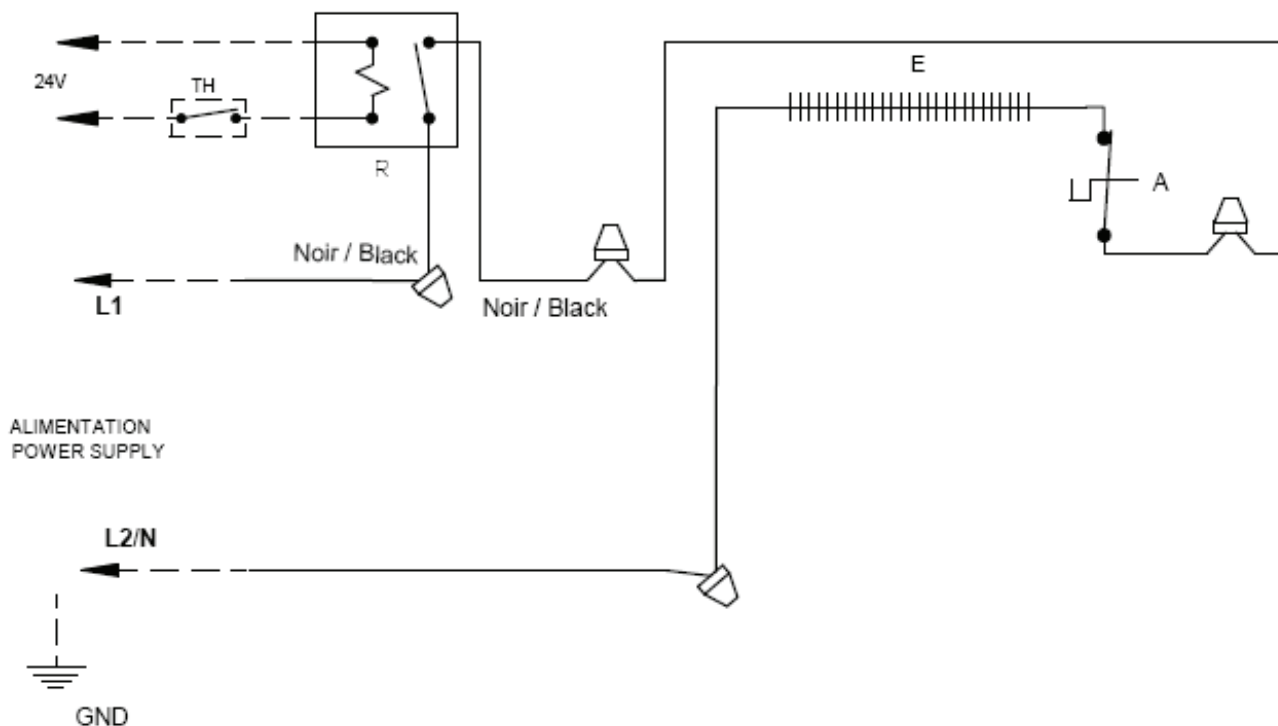
FIG. 2



FIG. 3



FIG. 4



RELAY INSTALLATION

RE153 - RE156 SERIES

JUNCTION BOX INSTALLATION AND WIRING - RIGHT SIDE ONLY



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1. Remove the cover of the unit and remove the junction box cover.
2. Position the relay on 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 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 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.
5. Connect one of the black wires of the relay to the wire coming out of the wireway. FIG. 3
6. Connect the other black wire of the relay with the line feed (L1) and the wire from the thermal protection with the line feed (L2/N). FIG. 4
7. Close the junction box and replace the cover, making sure the wires are well positioned.



FIG. 1



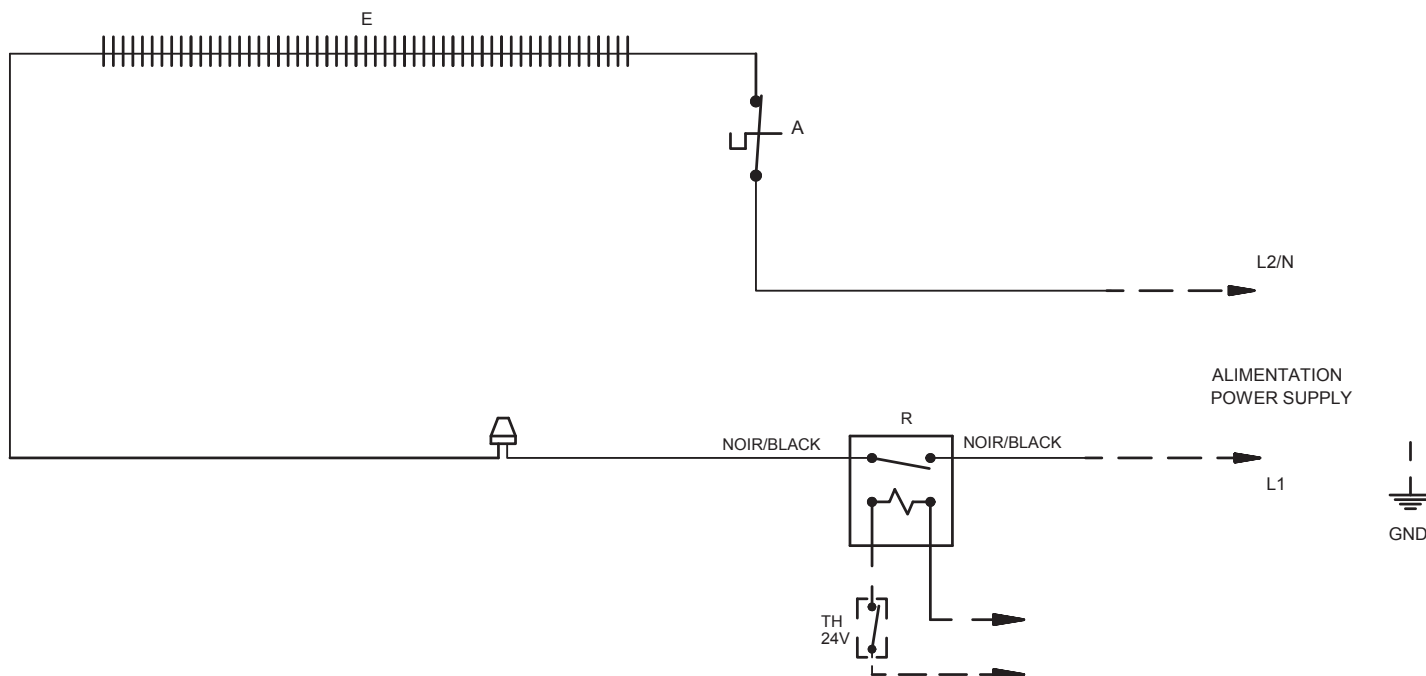
FIG. 2



FIG. 3



FIG. 4



RELAY INSTALLATION

RE153T SERIES

JUNCTION BOX INSTALLATION AND WIRING - LEFT SIDE ONLY



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1. Remove the cover of the unit and remove the junction box cover.
2. Position the relay on 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 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.
5. Connect the blue wire of the relay to the wire of the heating element. FIG. 3
6. Connect the white wire of the relay (power side) to the wire coming out of the wireway and the 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



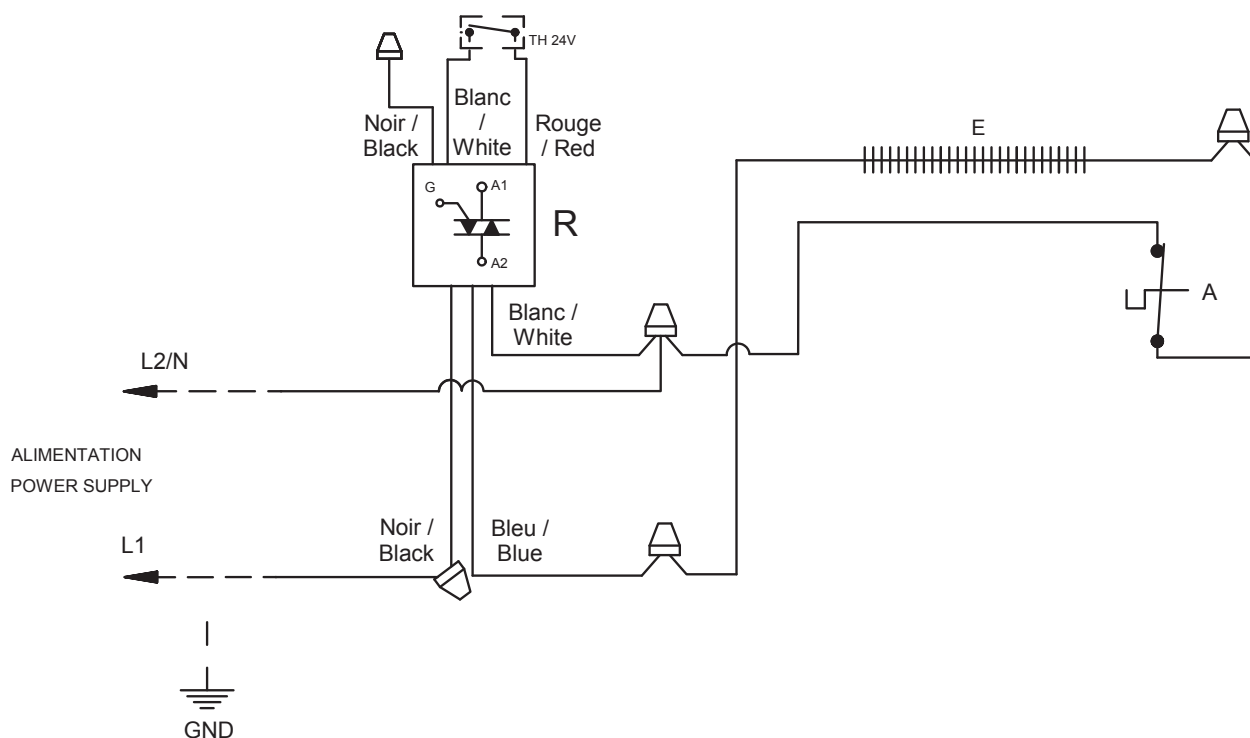
FIG. 2



FIG. 3



FIG. 4



RELAY INSTALLATION

RE153T SERIES

JUNCTION BOX INSTALLATION AND WIRING - RIGHT SIDE ONLY



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1. Remove the cover of the unit and remove the junction box cover.
2. Position the relay on 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 knockouts (KOE). Then, insert the same wires into the voltage separator hole.
5. 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 with the wire that comes out of the wire way by using an appropriate wire nut. FIG. 3
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 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
8. Close the junction box and replace the cover, making sure the wires are well positioned.



FIG. 1



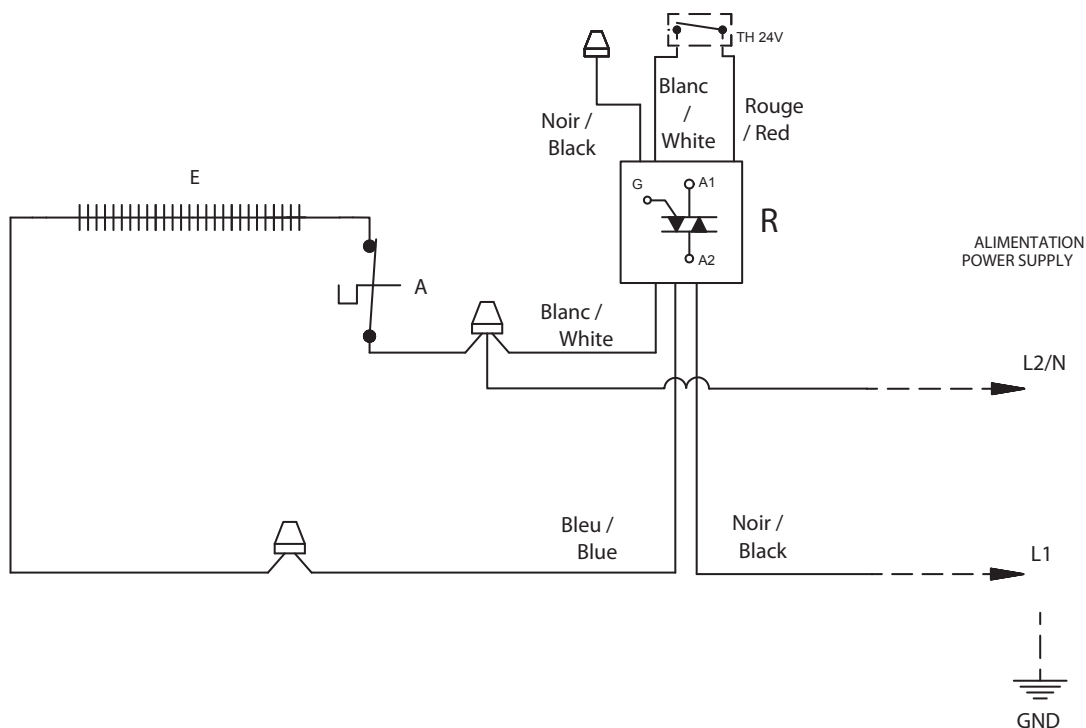
FIG. 2



FIG. 3



FIG. 4



RELAY INSTALLATION

R841 SERIES WITH TRANSFORMER

JUNCTION BOX INSTALLATION AND WIRING - LEFT SIDE ONLY



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1. Remove the cover of the unit and remove the junction box cover.
2. Bend the pin on top of the relay. Insert the voltage separator on the relay and screw with the ring nut supplied. FIG. 1
3. Position the relay in the top of the junction box and install with screws. FIG. 2
4. Connect the red wire of the relay (power side) to the heating element wires. FIG. 3
5. Connect the blue/orange wire of the relay to the wire coming out the wireway and the line feed wire (L1) and connect the black relay wire (power side) to the other wire coming from the line feed (L2/N) by using an appropriate wire nut. FIG. 4
6. Insert the control wires supplied by the installer into the baseboard electrical box through one of the knockouts (KOE). Connect the low voltage wires with the relay wires, using a wire nut. Please refer to schematic for connection options.
7. Close the junction box and replace the cover, making sure the wires are well placed inside the box.



FIG. 1



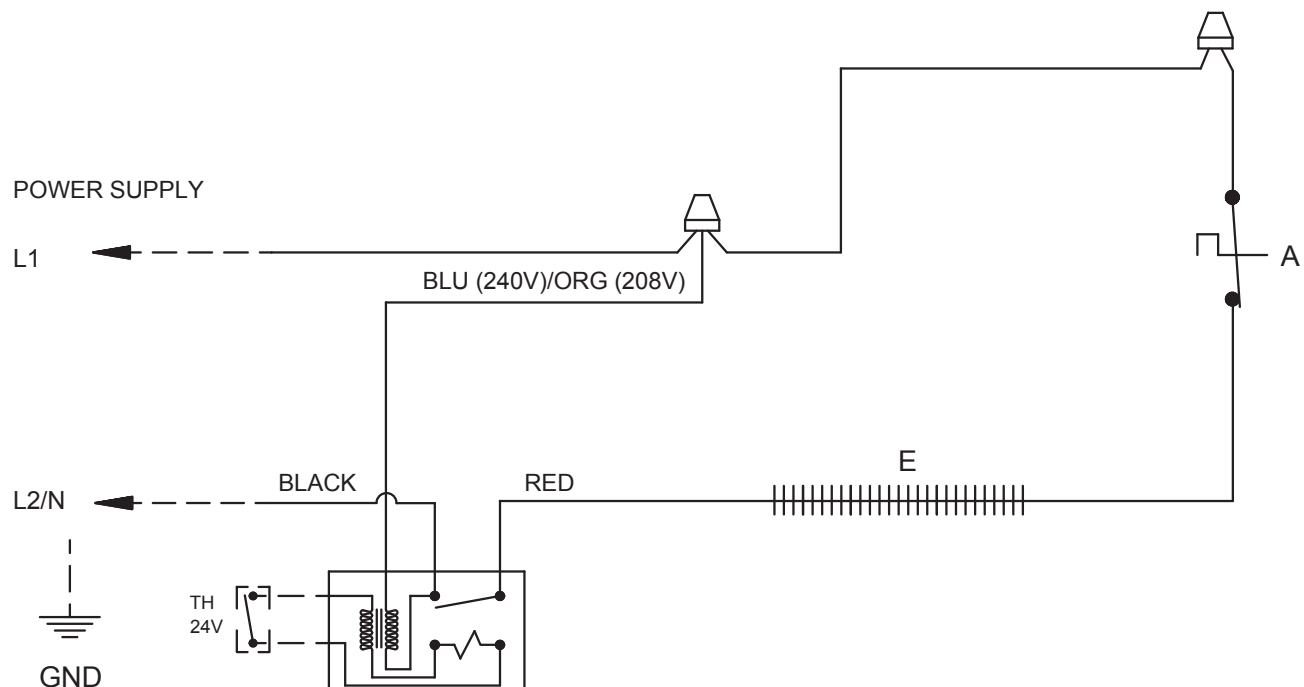
FIG. 2



FIG. 3



FIG. 4



RELAY INSTALLATION

R841 SERIES WITH TRANSFORMER

JUNCTION BOX INSTALLATION AND WIRING - RIGHT SIDE ONLY



WARNING

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1. Remove the cover of the unit and remove the junction box cover.
2. Bend the pin on top of the relay. Insert the voltage separator on the relay and screw with the ring nut supplied. FIG. 1
3. Position the relay in the top of the junction box and install with screws. FIG. 2
4. Connect the red wire of the relay (Power side) to the red wire coming out the Wireway by using an appropriate wire nut. FIG. 3
5. Connect the blue/orange wire of the relay to the wire of the thermal protection and the wire of the line feed (L1). Connect the black relay wire (power side) to the other wire coming from the line feed (L2/N) by using an appropriate wire nut. FIG. 4
6. Insert the control wires supplied by the installer into the baseboard electrical box through one of the knockouts (KOE). Connect the low voltage wires with the relay wires, using a wire nut. Please refer to schematic for connection options.
7. Close the junction box and replace the cover, making sure the wires are well placed inside the box.



FIG. 1



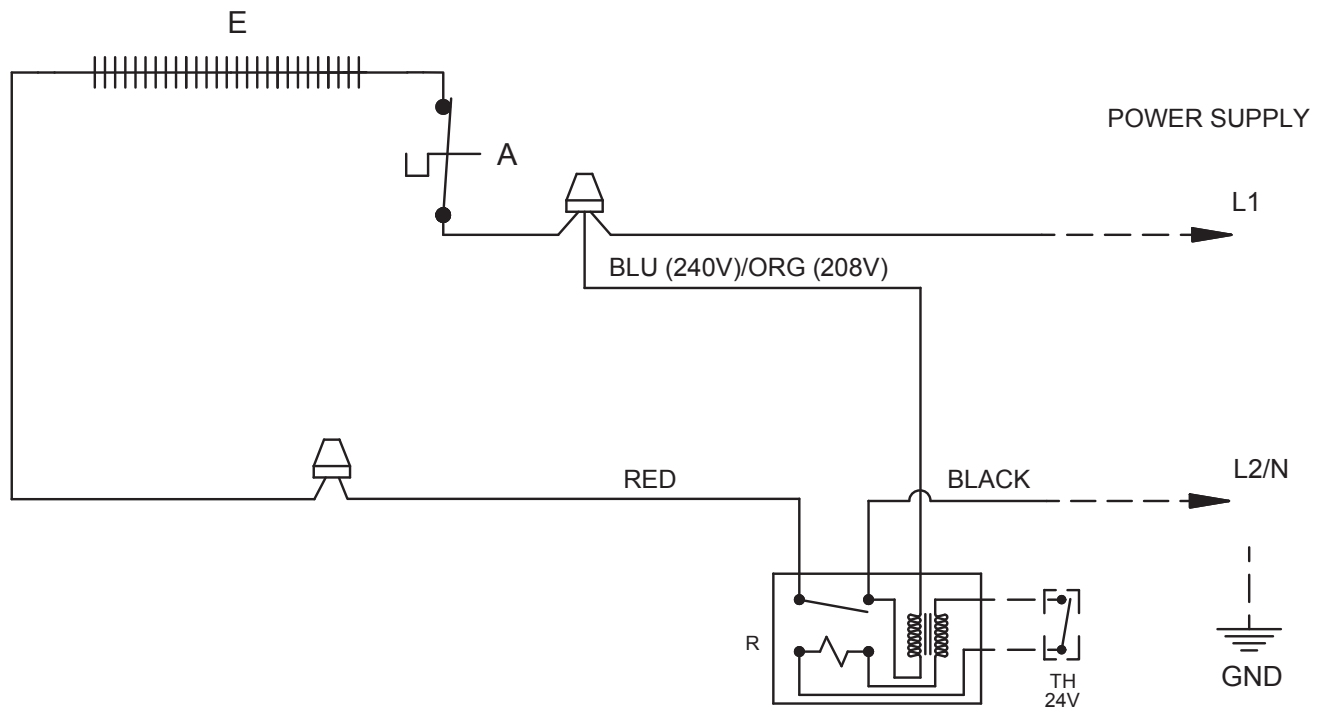
FIG. 2



FIG. 3



FIG. 4





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1. Remove the cover of the unit and remove the junction box cover.
2. Bend the pin on top of the relay. Insert the voltage separator on the relay and screw with the ring nut supplied. FIG. 1
3. Position the relay in the top of the junction box and install using screws. FIG. 2
4. Connect the red wire of the relay (power side) to the wire of the heating element. FIG. 3
5. Connect the black relay wire (power side) to the other wire coming from the line feed (L2/N) by using an appropriate wire nut and Connect the red wire coming out the wireway to the other wire coming from the line feed (L1) by using an appropriate wire nut. FIG. 4
6. Insert the control wires supplied by the installer into the baseboard electrical box through one of the knockouts (KOE). Connect the low voltage wires with the relay wires, using a wire nut. Please refer to schematic for connection options.
7. Close the junction box and replace the cover, making sure the wires are well placed inside the box.



FIG. 1



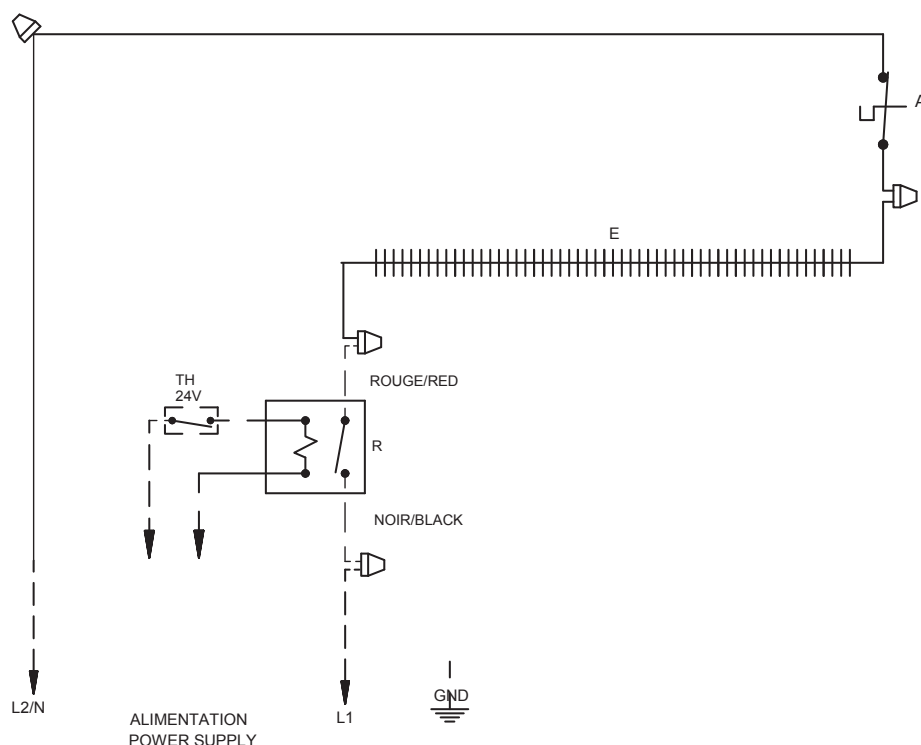
FIG. 2



FIG. 3



FIG. 4



RELAY INSTALLATION

R841 SERIES WITHOUT TRANSFORMER

JUNCTION BOX INSTALLATION AND WIRING - RIGHT SIDE ONLY



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1. Remove the cover of the unit and remove the junction box cover.
2. Bend the pin on top of the relay. Insert the voltage separator on the relay and screw with the ring nut supplied. FIG. 1
3. Position the relay in the top of the junction box and install using screws. FIG. 2
4. Connect the red wire of the relay (power side) to the wire coming out of the wireway. FIG. 3
5. Connect the black relay wire (power side) to the other wire coming from the line feed (L2/N) by using an appropriate wire nut and the wire from the thermal protection to the line feed wire (L1). FIG. 4
6. Insert the control wires supplied by the installer into the baseboard electrical box through one of the knockouts (KOE). Connect the low voltage wires with the relay wires, using a wire nut. Please refer to schematic for connection options.
7. Close the junction box and replace the cover, making sure the wires are well placed inside the box.

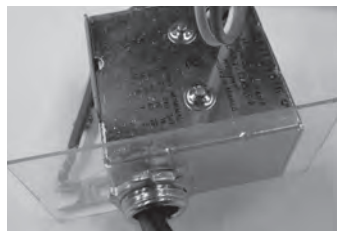


FIG. 1



FIG. 2



FIG. 3



FIG. 4

