

BIELA14 Series

Gen II LOV™ Electric Fryer



Wiring Diagrams

This manual is updated as new information and models are released. Visit our website for the latest manual.
This equipment chapter is to be installed in the Fryer Section of the *Equipment Manual*.



Part Number: FRY_D_8197222 03/15

 **DANGER**

Improper installation, adjustment, maintenance or service, and unauthorized alterations or modifications can cause property damage, injury, or death. Read the installation, operating, and service instructions thoroughly before installing or servicing this equipment.

 **DANGER**

This fryer has a power cord (three-phase) for each frypot and a single five-wire cord for the entire system. Prior to movement, testing, maintenance and any repair on your Frymaster fryer; disconnect ALL electrical power cords from the electrical power supply.

BIELA14 SERIES LOV™ ELECTRIC FRYER

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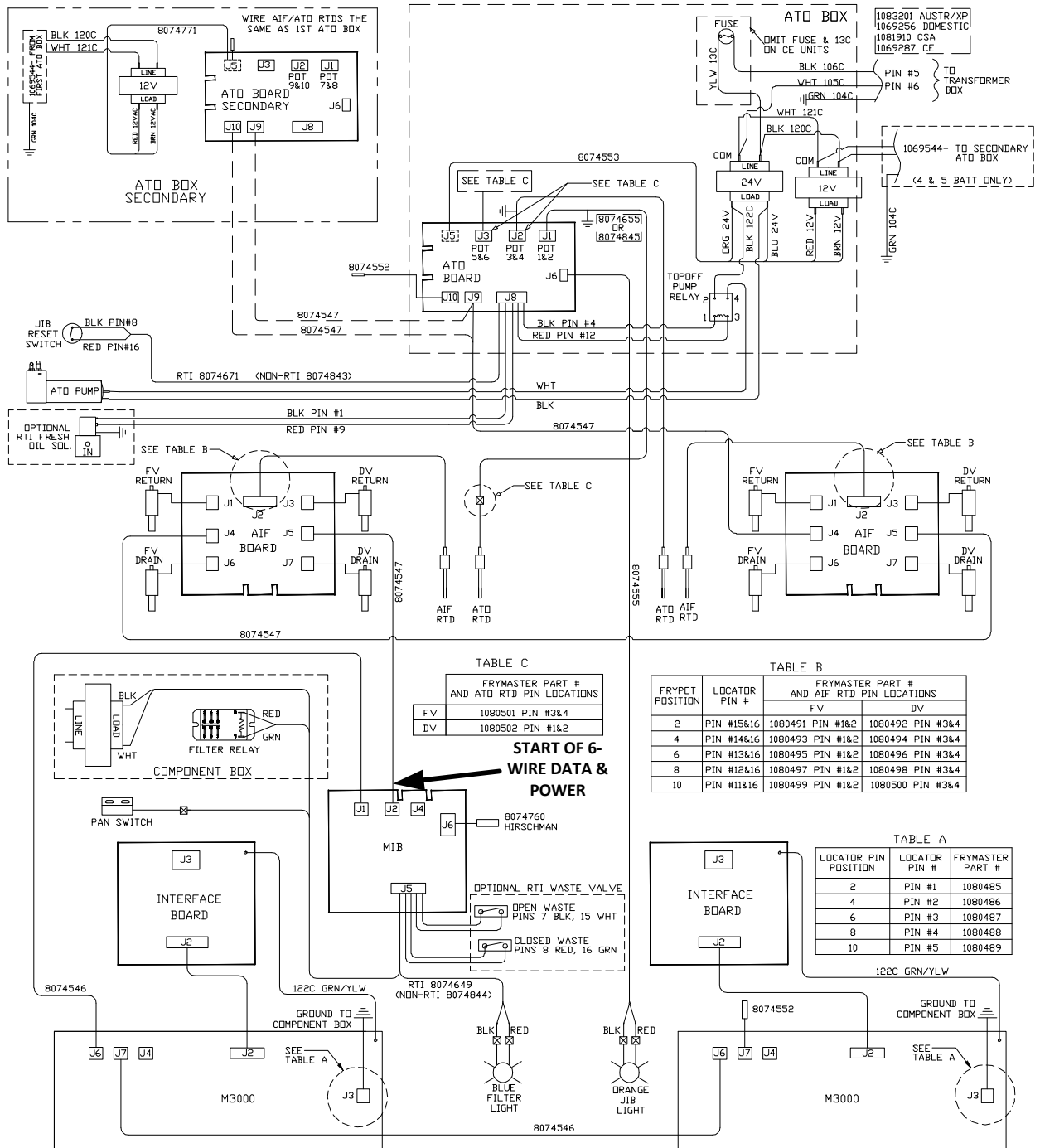
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BIELA14 SERIES GEN II LOV™ ELECTRIC FRYER

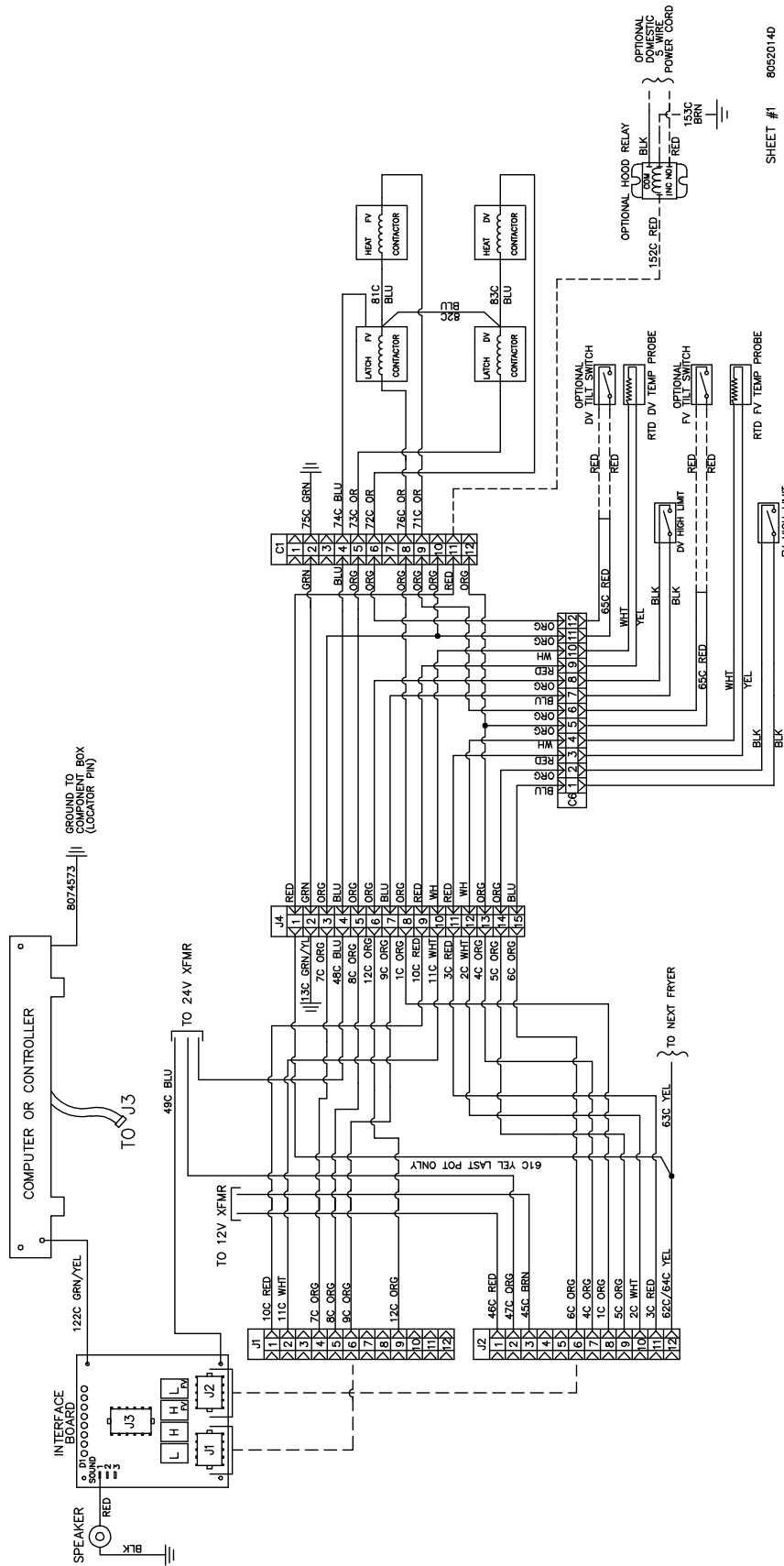
SECTION 8: WIRING DIAGRAMS

1.1 BIELA14 Series GEN II LOV™ Simplified Wiring



8051734T

1.4 Component Wiring (CE) page 1



8074573

COMPUTER OR CONTROLLER

TO 24V XFMR

TO 12V XFMR

TO 24V XFMR

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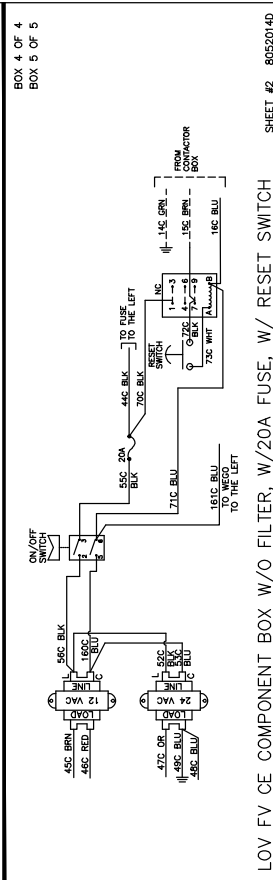
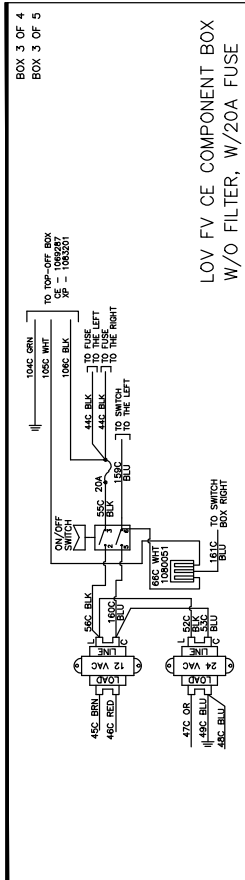
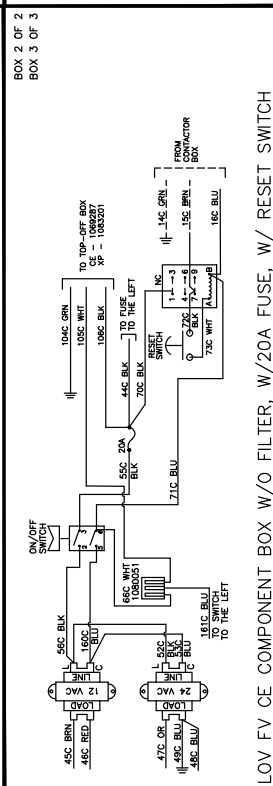
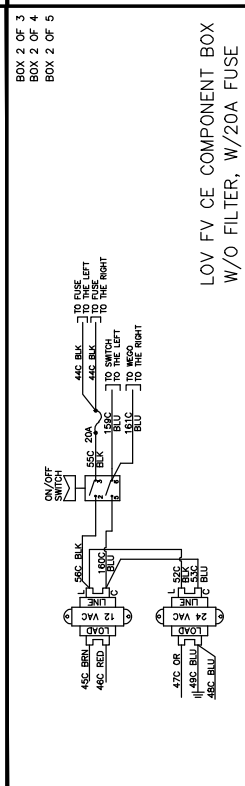
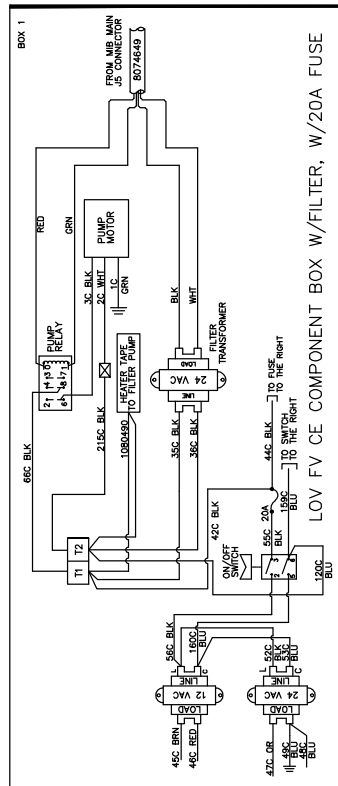
TO 12V XFMR

TO 24V XFMR

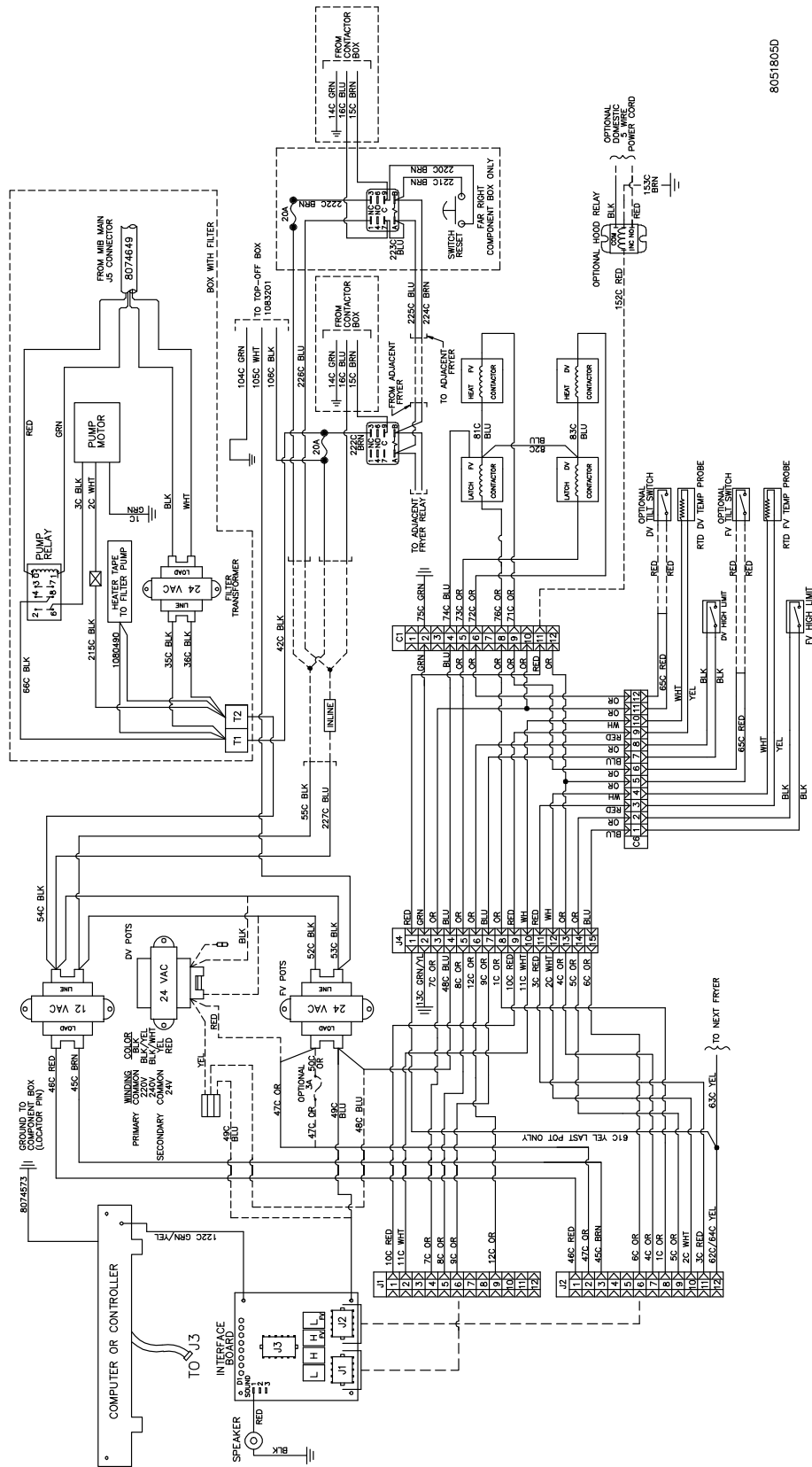
TO 12V XFMR

TO 24V XFMR

1.4 Component Wiring (CE) page 2

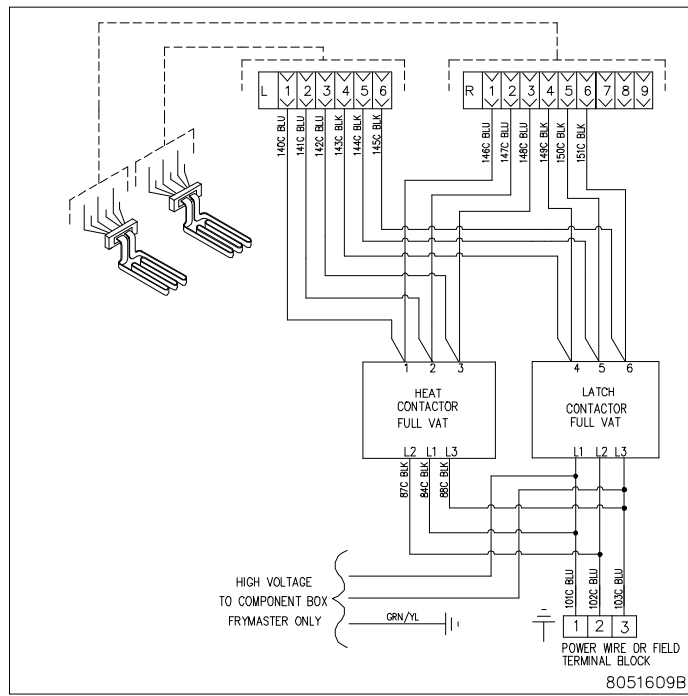


1.6 Component Wiring (Australia)

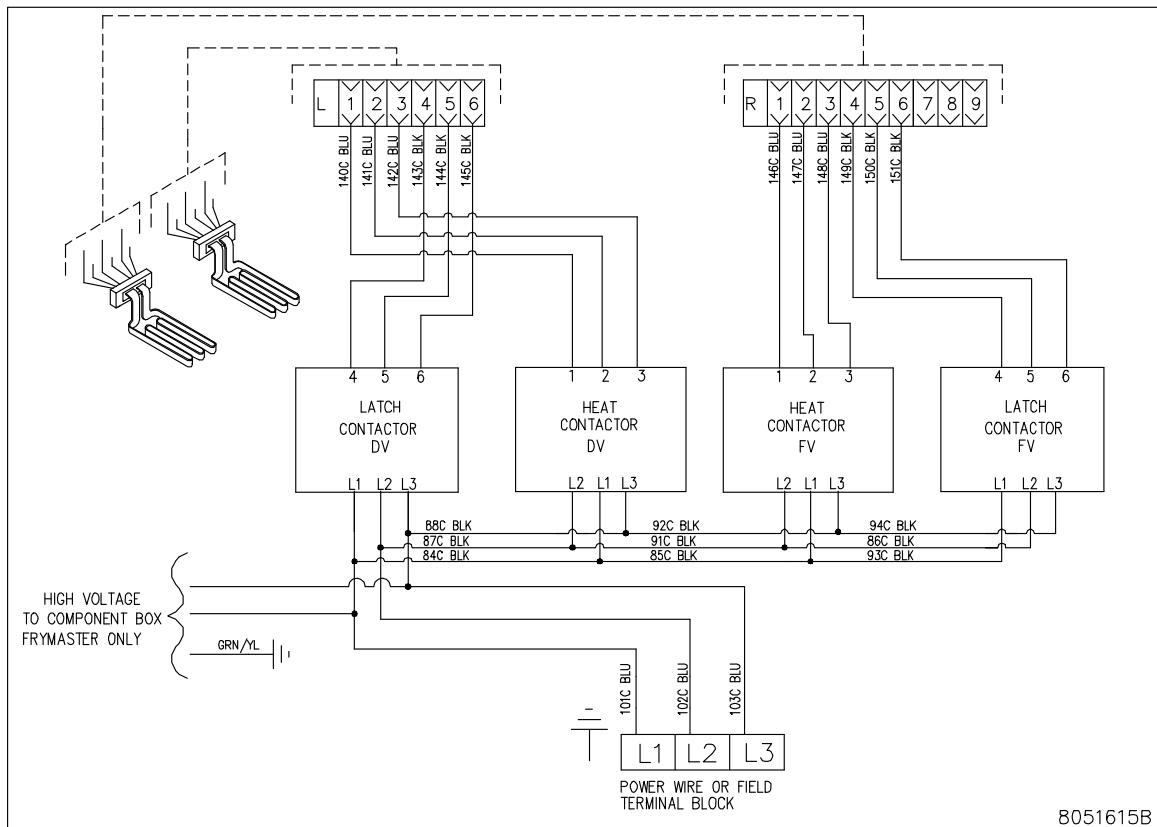


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1.7 Contactor Box – Delta Configuration

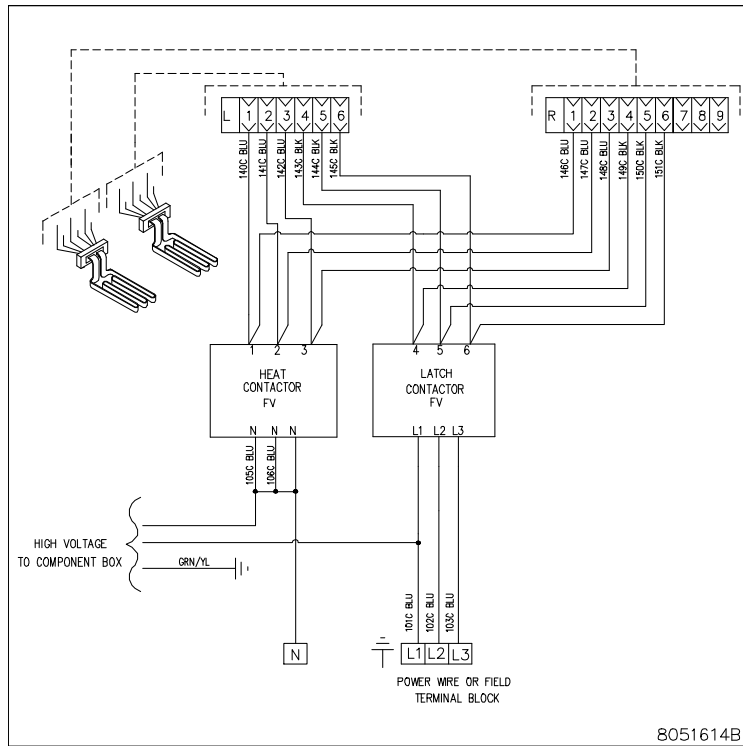


FULL VAT

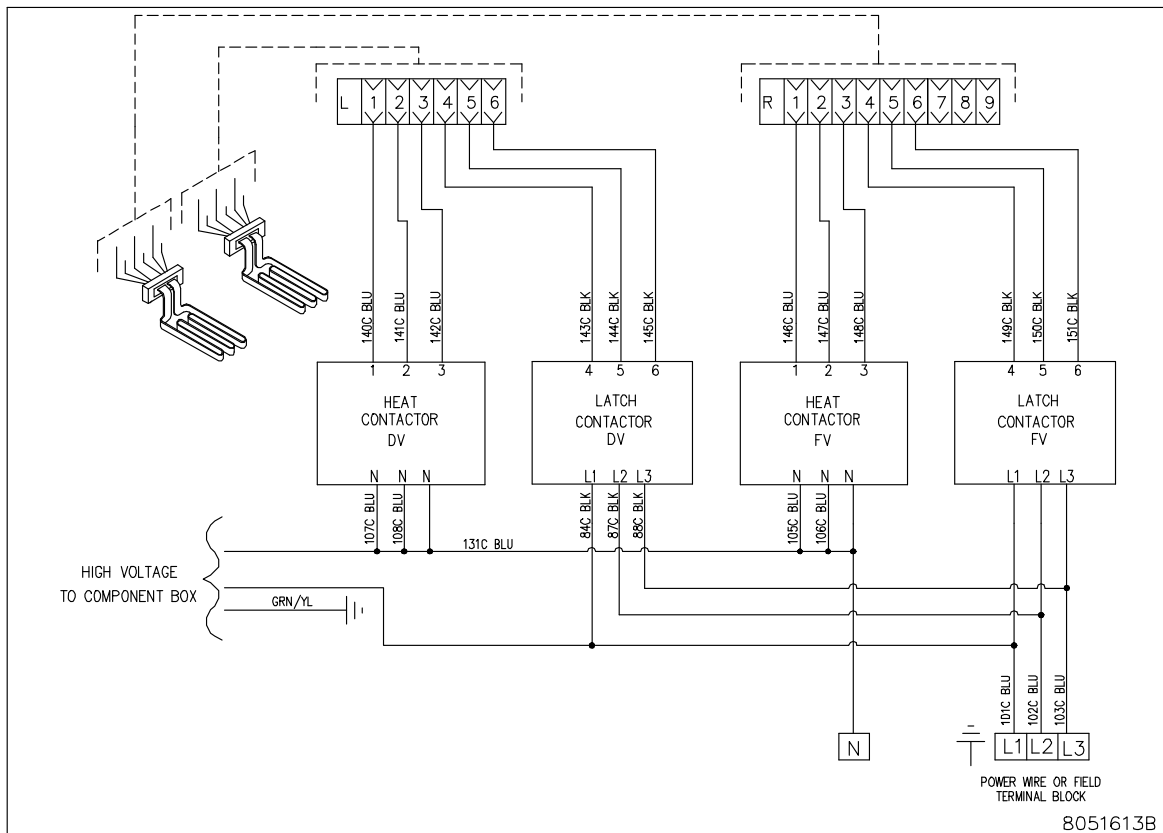


DUAL VAT

1.8 Contactor Box – WYE Configuration

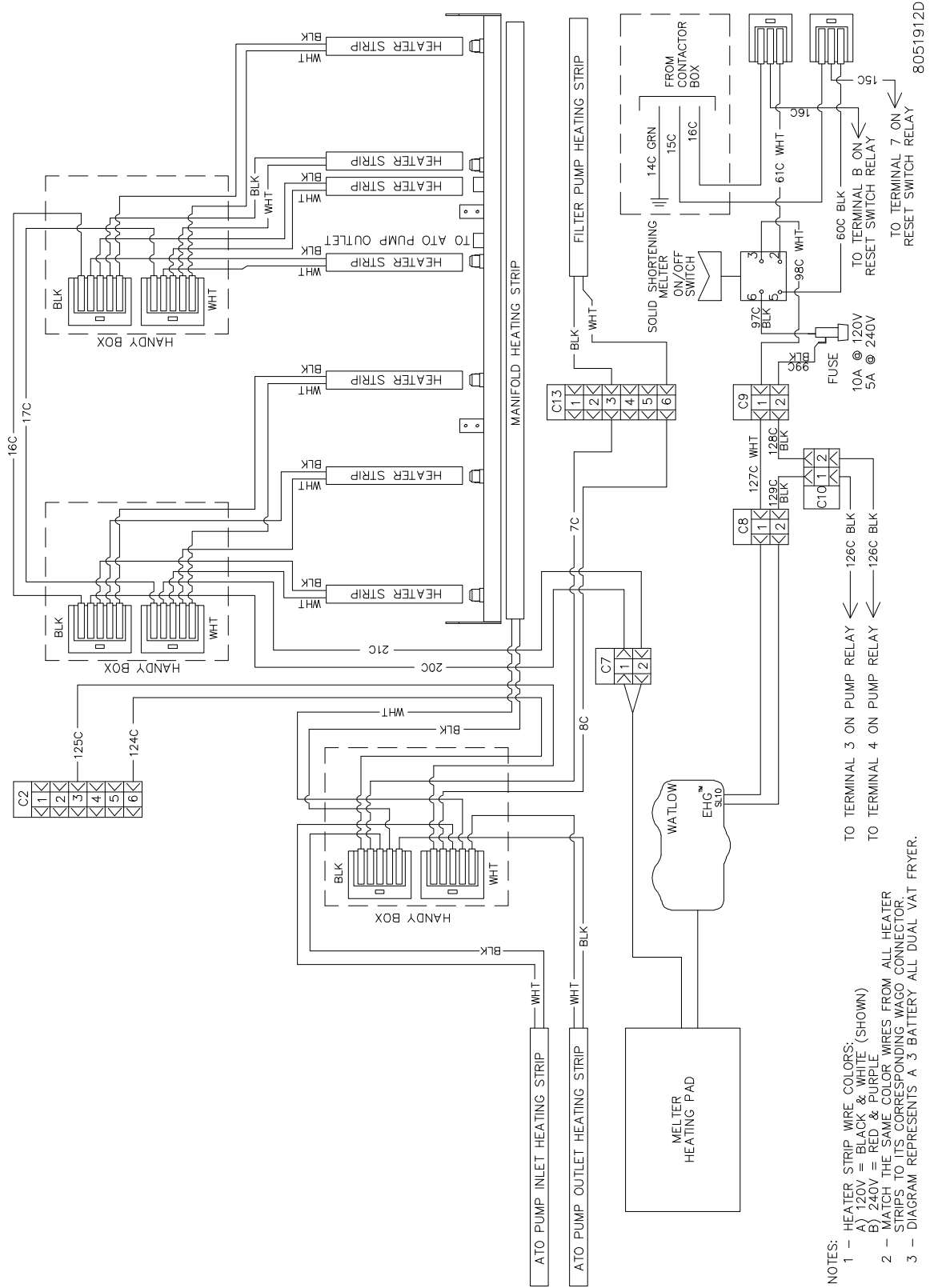


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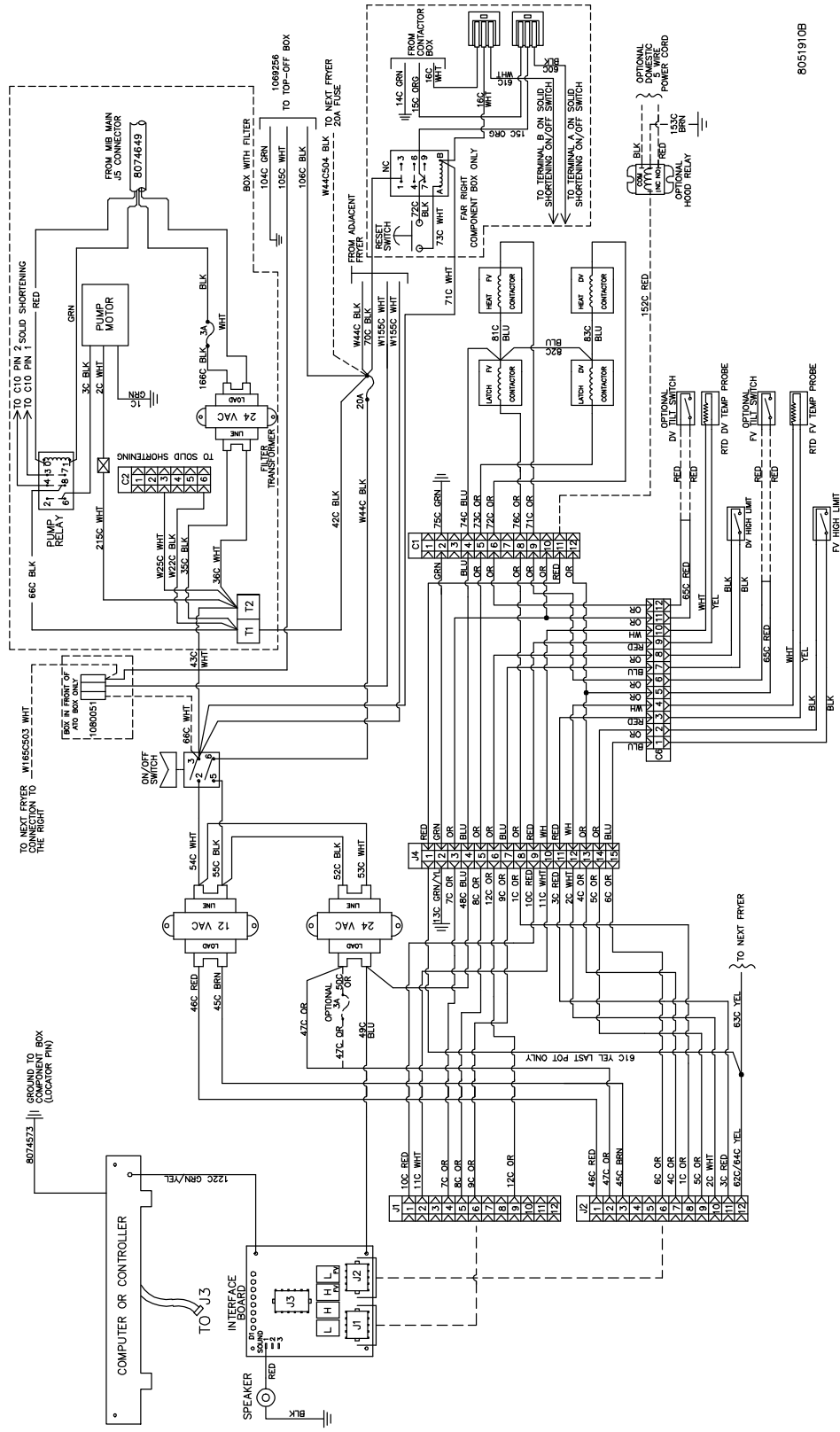
DUAL VAT

1.9 Solid Shortening Melting Unit Wiring



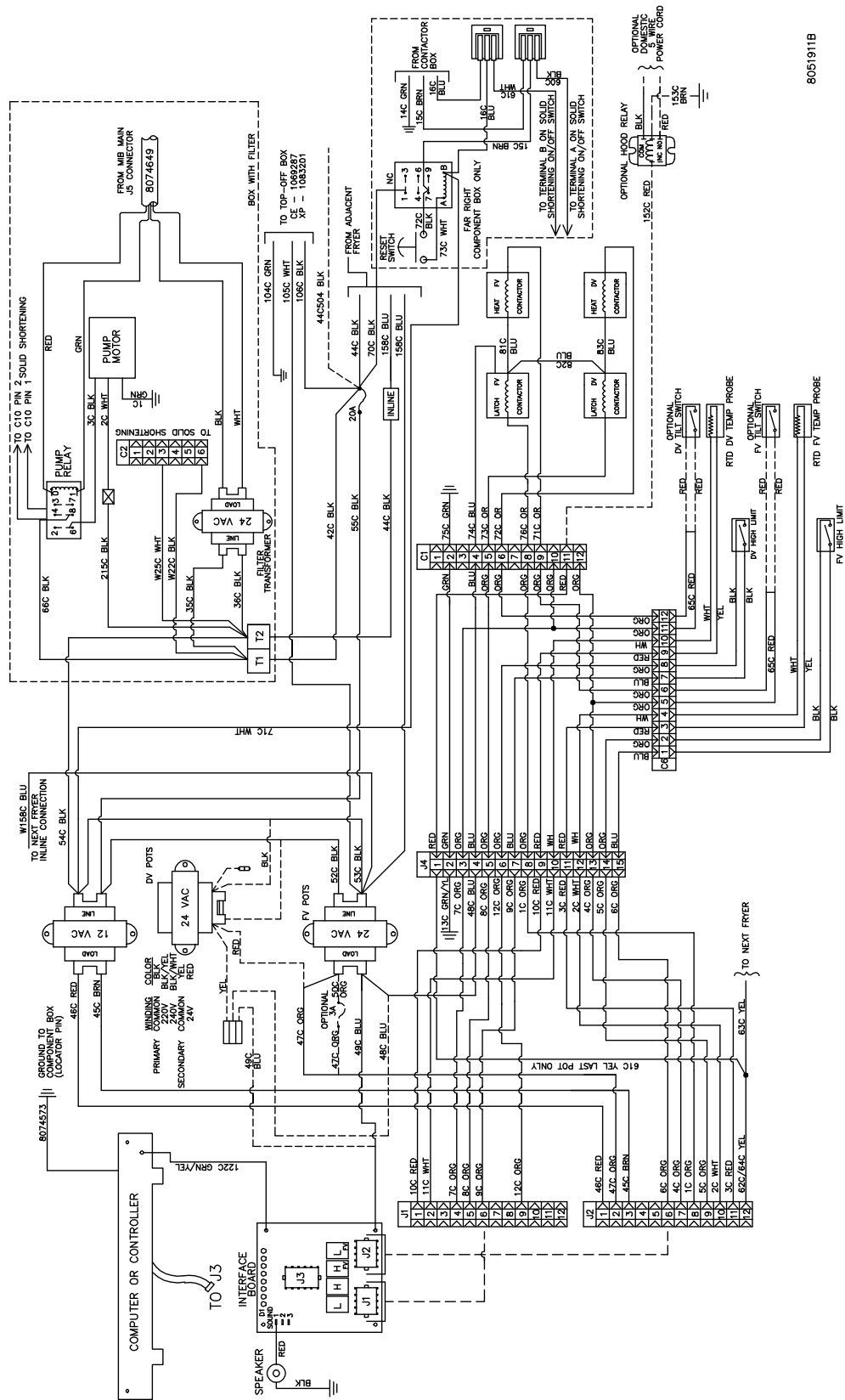
- NOTES:
- 1 - HEATER STRIP WIRE COLORS:
 A) 120V = BLACK & WHITE (SHOWN)
 B) 240V = RED & PURPLE
 - 2 - MATCH THE SAME COLOR WIRES FROM ALL HEATER STRIPS TO ITS CORRESPONDING WAGO CONNECTOR.
 - 3 - DIAGRAM REPRESENTS A 3 BATTERY ALL DUAL VAT FRYER.
- TO TERMINAL 3 ON PUMP RELAY ← 126C BLK
 TO TERMINAL 4 ON PUMP RELAY ← 126C BLK
- TO TERMINAL 7 ON RESET SWITCH RELAY
 RESET SWITCH RELAY
- 8051912D

1.10 Solid Shortening Component Wiring 120V



8051910B

1.11 Solid Shortening Component Wiring 240V



8051911B



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