

# *Frymaster*<sup>®</sup>

*Your Growth Is Our Goal*

## OCF30™ (FPEL)

### Electric Fryer

## Wiring Diagrams

This manual is updated as new information and models are released. Visit our website for the latest manual.



8 1 9 7 2 2 4  
Part Number: FRY\_D\_8197224 10/2023



 **DANGER**

Prior to movement, testing, maintenance and any repair on your Frymaster fryer, disconnect ALL electrical power from the fryer.

# OCF30™ SERIES ELECTRIC FRYER

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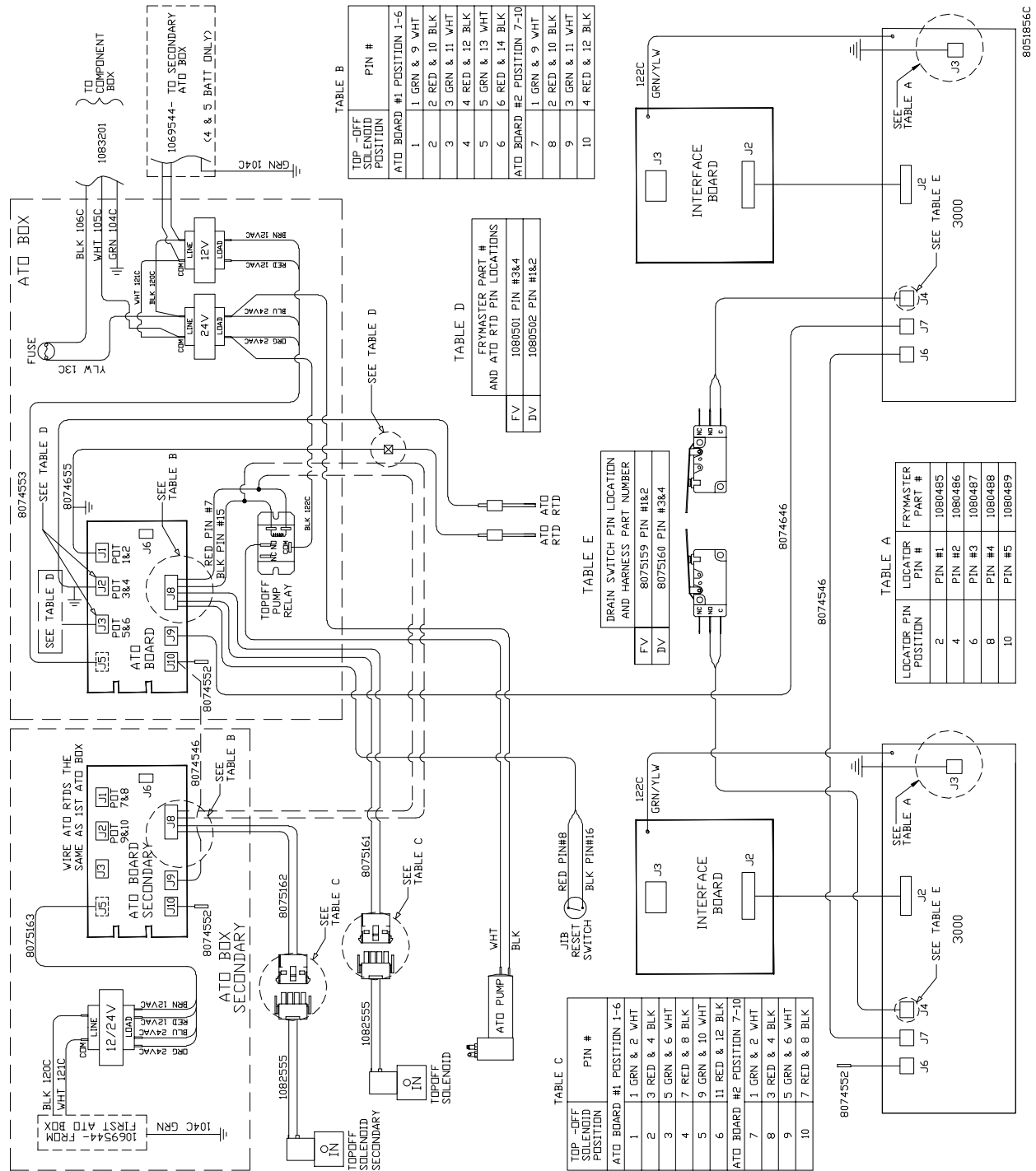
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# OCF30™ SERIES ELECTRIC FRYERS

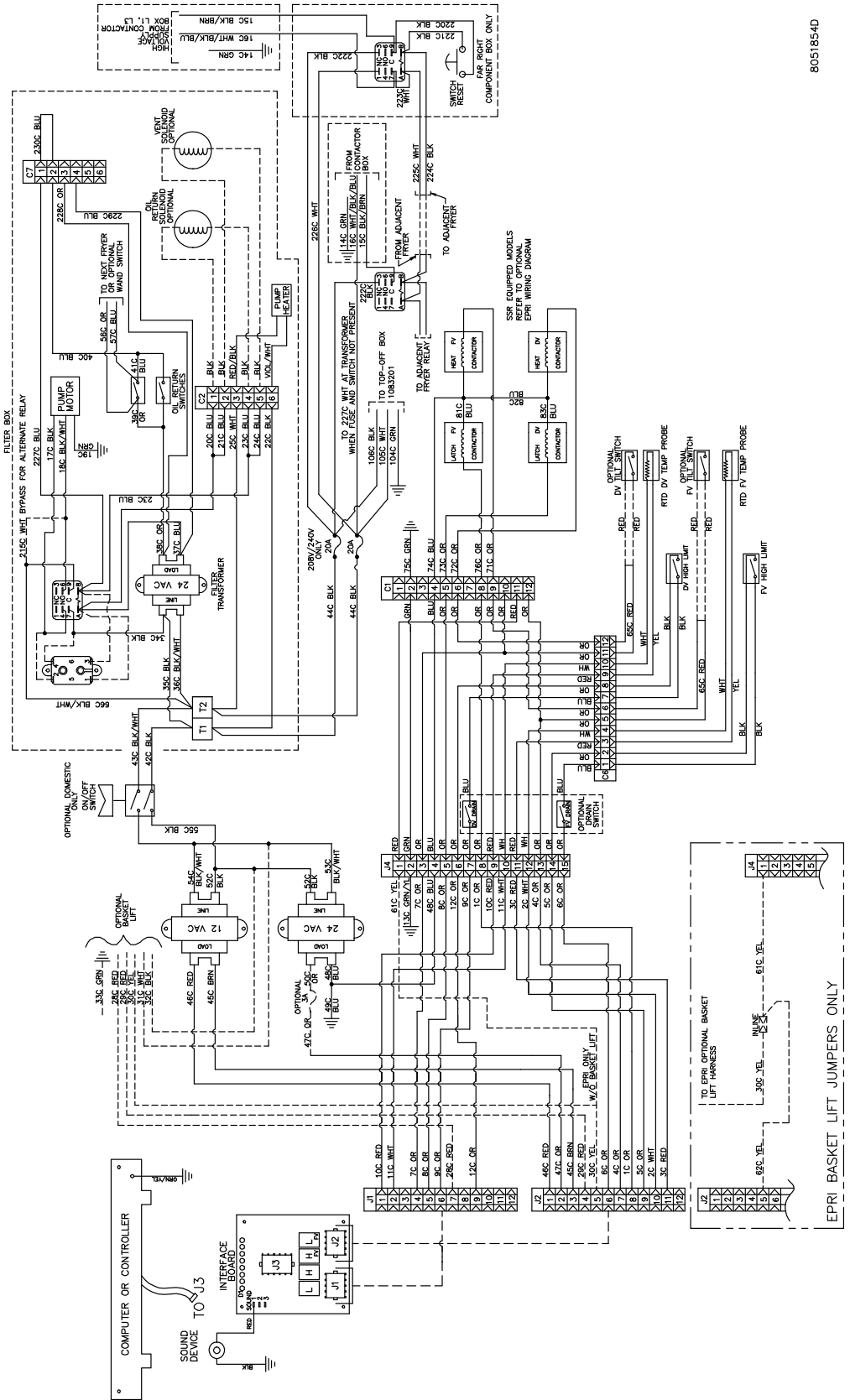
## SECTION 1: WIRING DIAGRAMS

### 1.1 OCF30™ Series Simplified Wiring with 3000 Controller



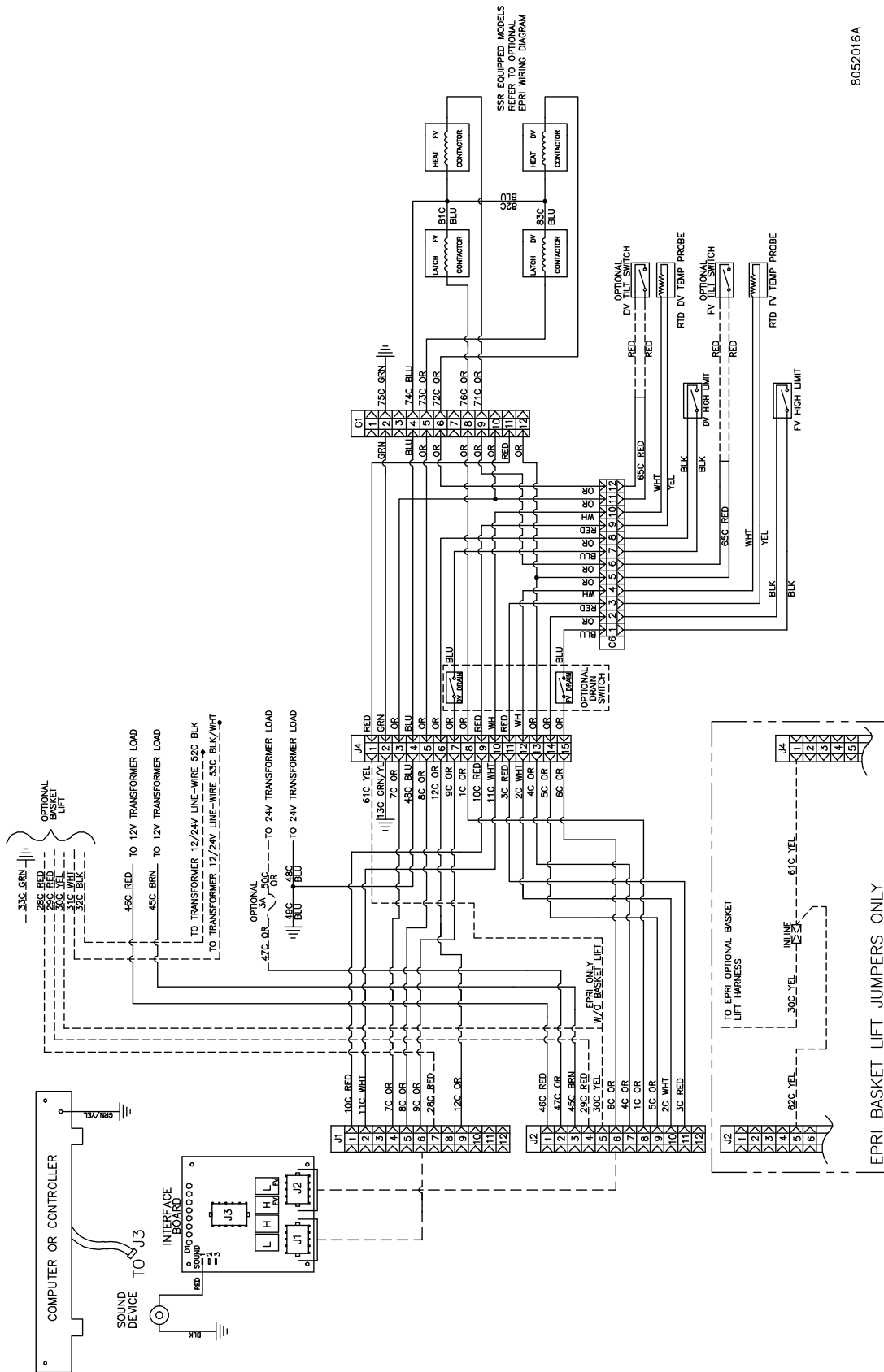
**NOTE:** If the fryer does not have the optional auto top off feature, an ATO board will not be present. The controllers will terminate on the far left and far right controller.

# 1.2 Component Wiring with 3000 Controller (Domestic and Export)



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# 1.3 Component Wiring with 3000 controller (CE) page 1



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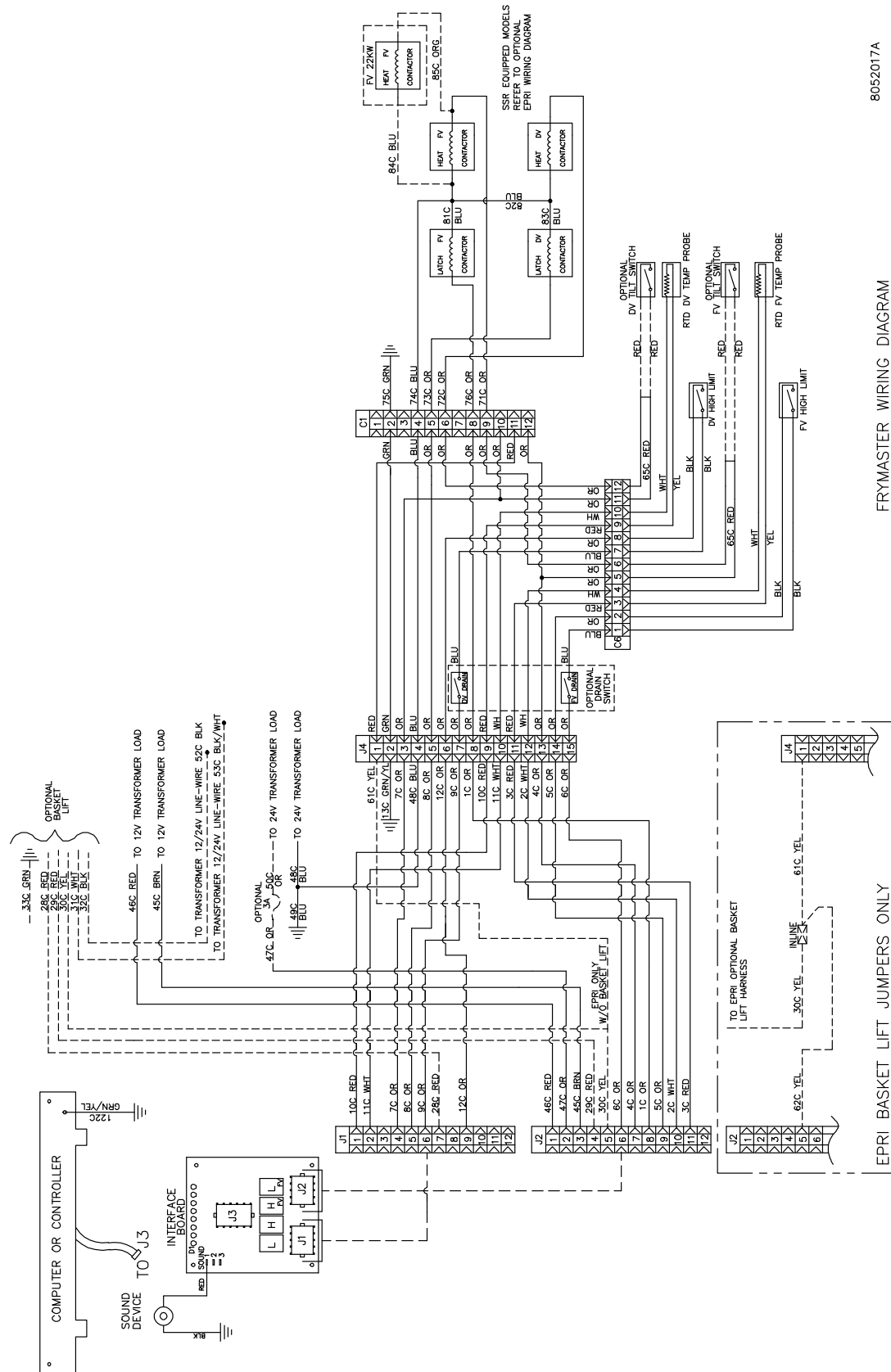








# 1.6 Component Wiring with CM3.5 Controller (CE) page 1 (Prior to 03/2015)



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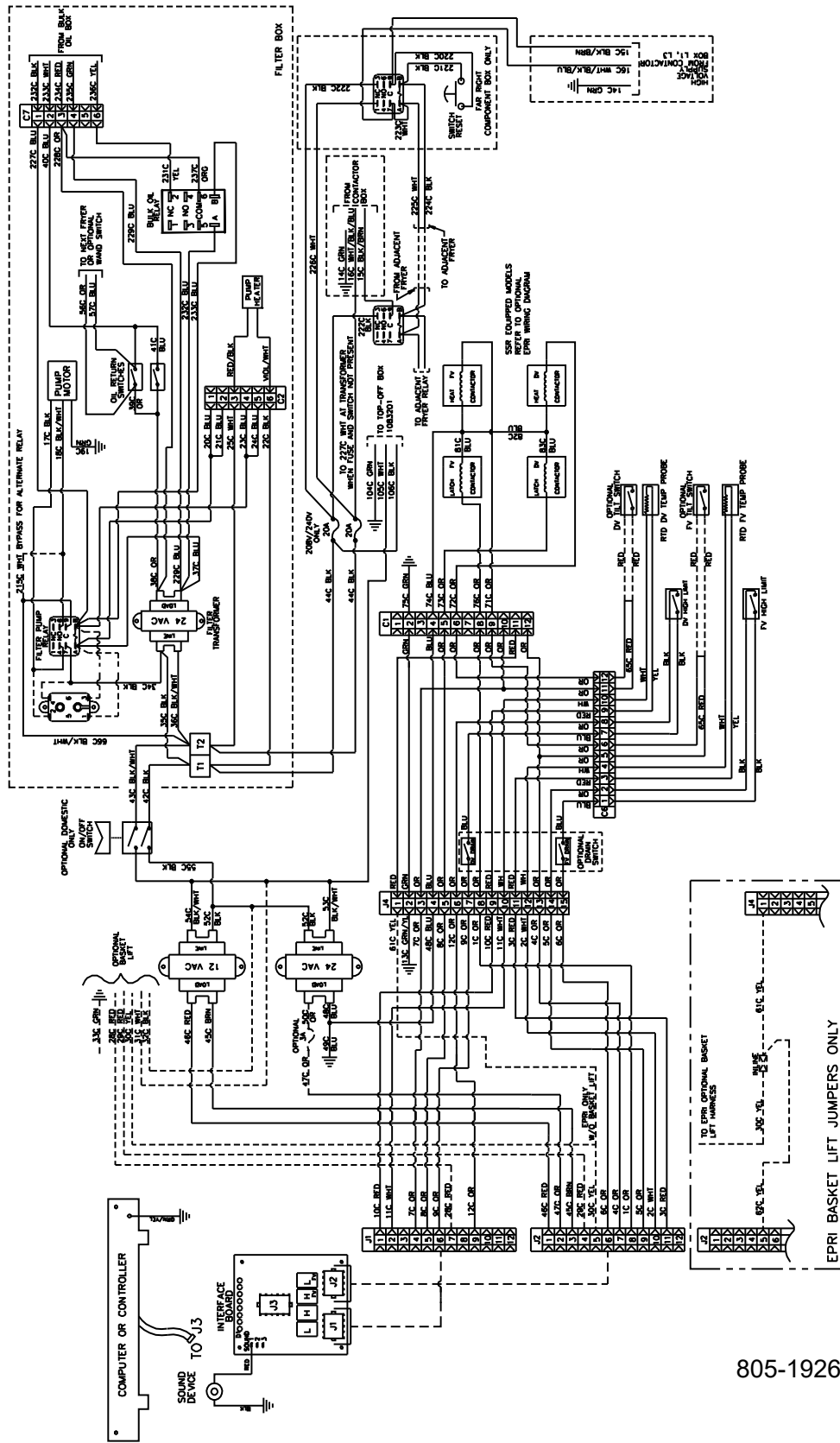
FRYMASTER WIRING DIAGRAM

EPRI BASKET LIFT JUMPERS ONLY



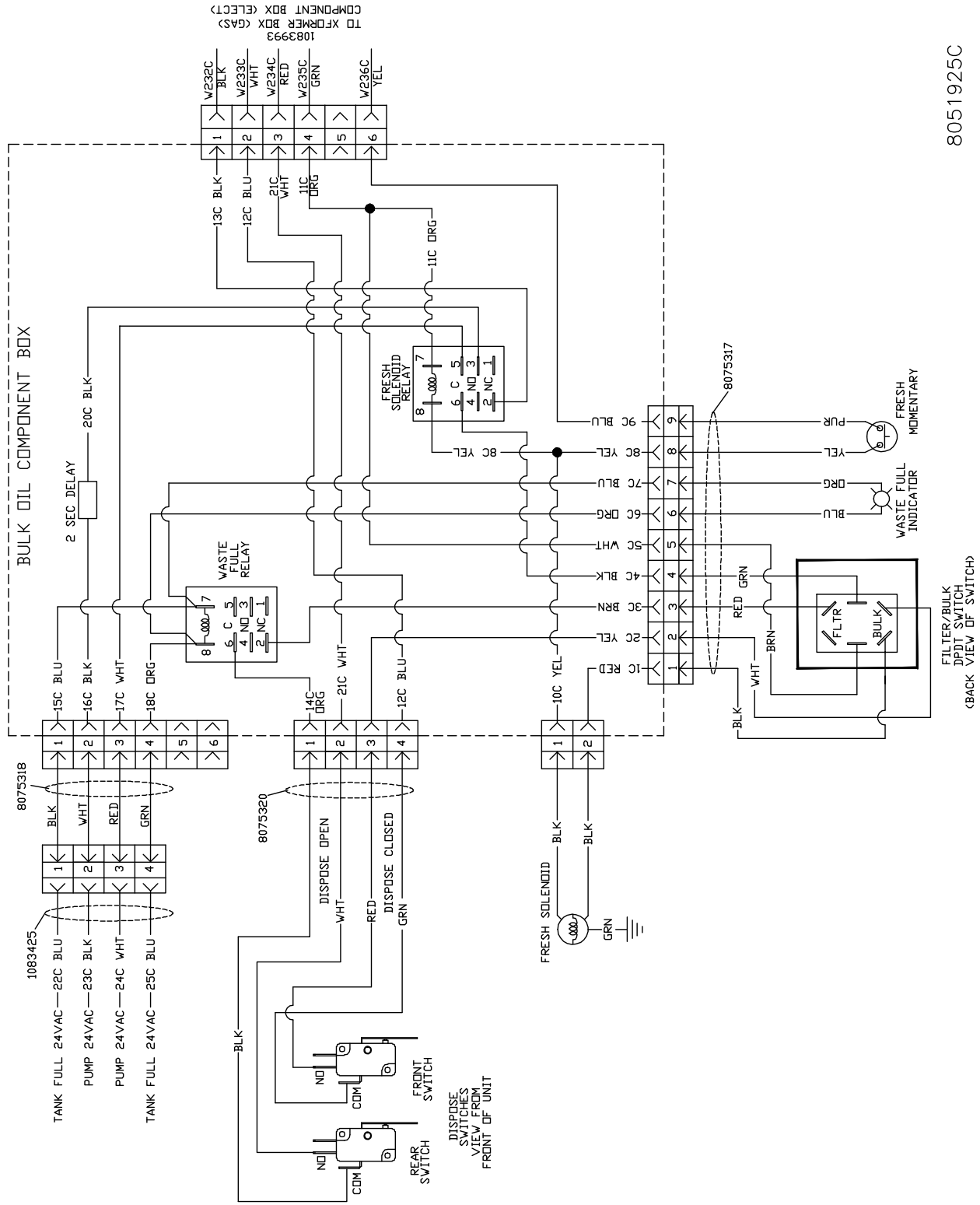


# 1.7 Component Wiring With Bulk Oil



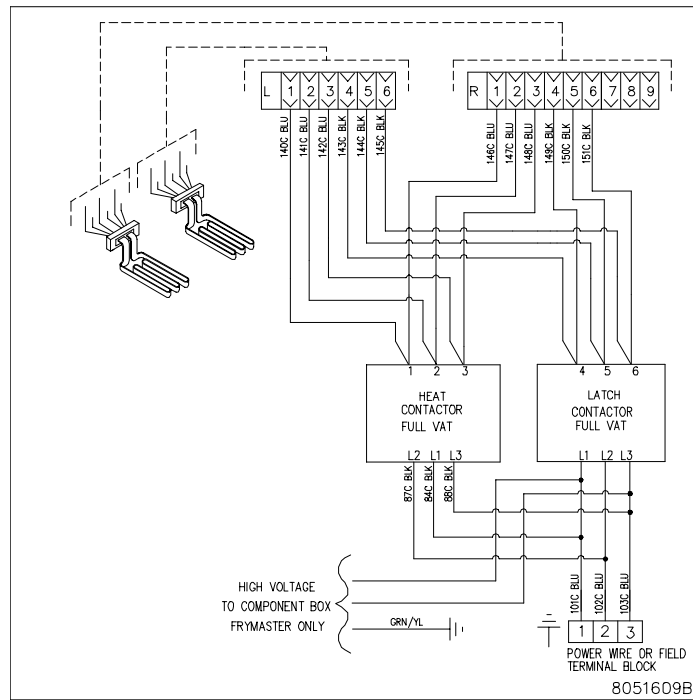
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# 1.8 Bulk Oil Wiring Box

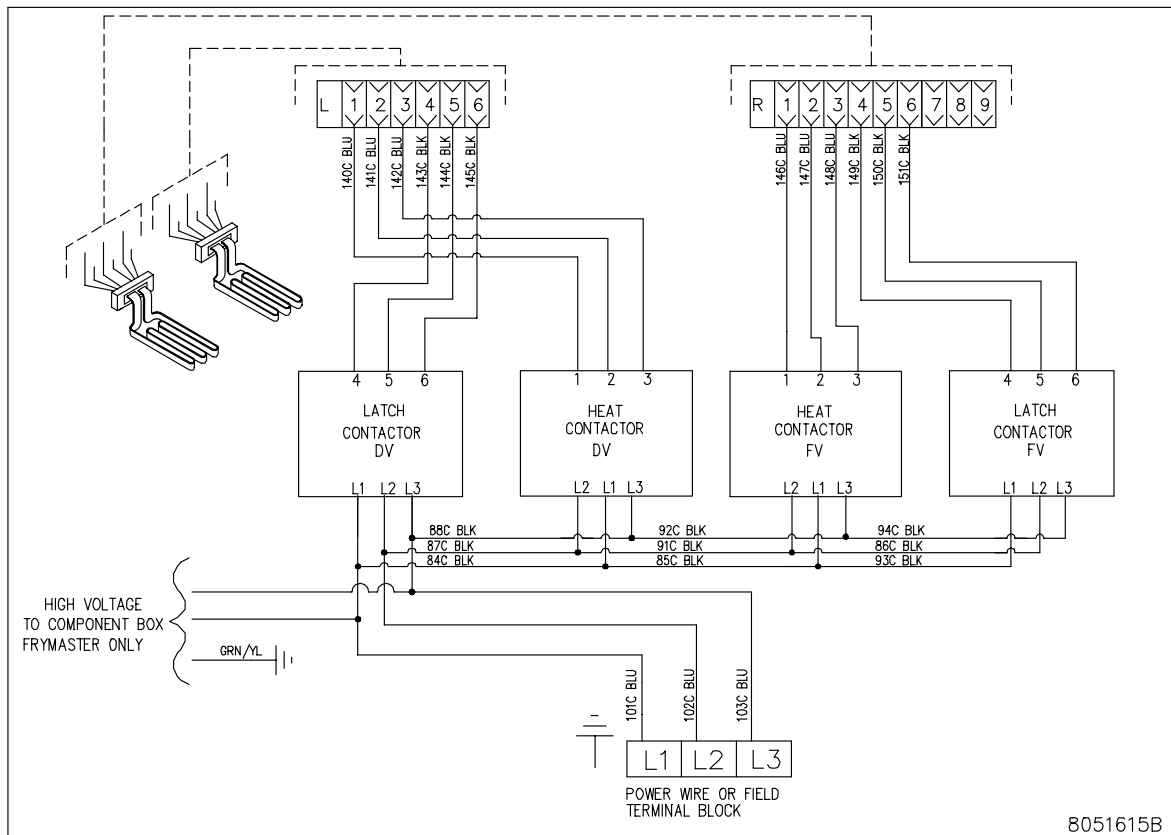


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# 1.9 Contactor Box – Delta Configuration



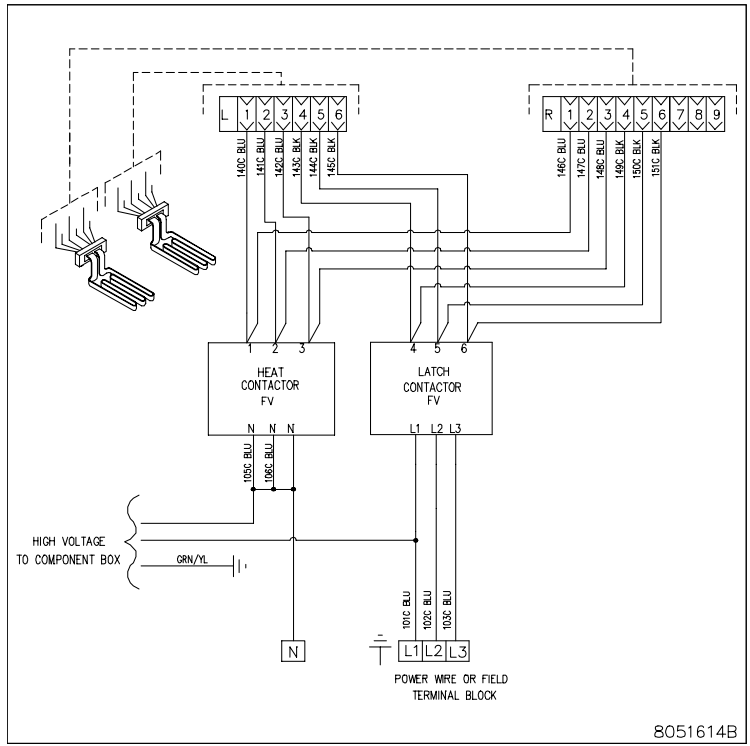
**FULL VAT**



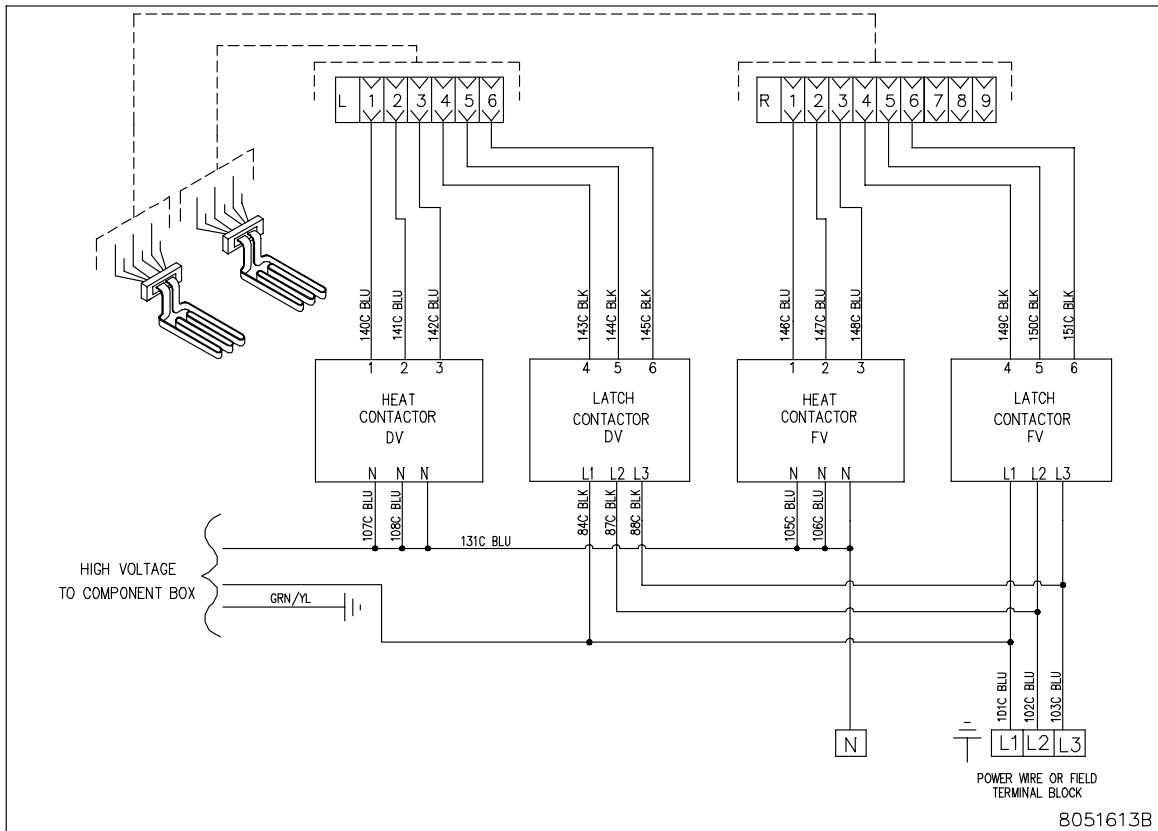
**DUAL VAT**

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# 1.10 Contactor Box – WYE Configuration



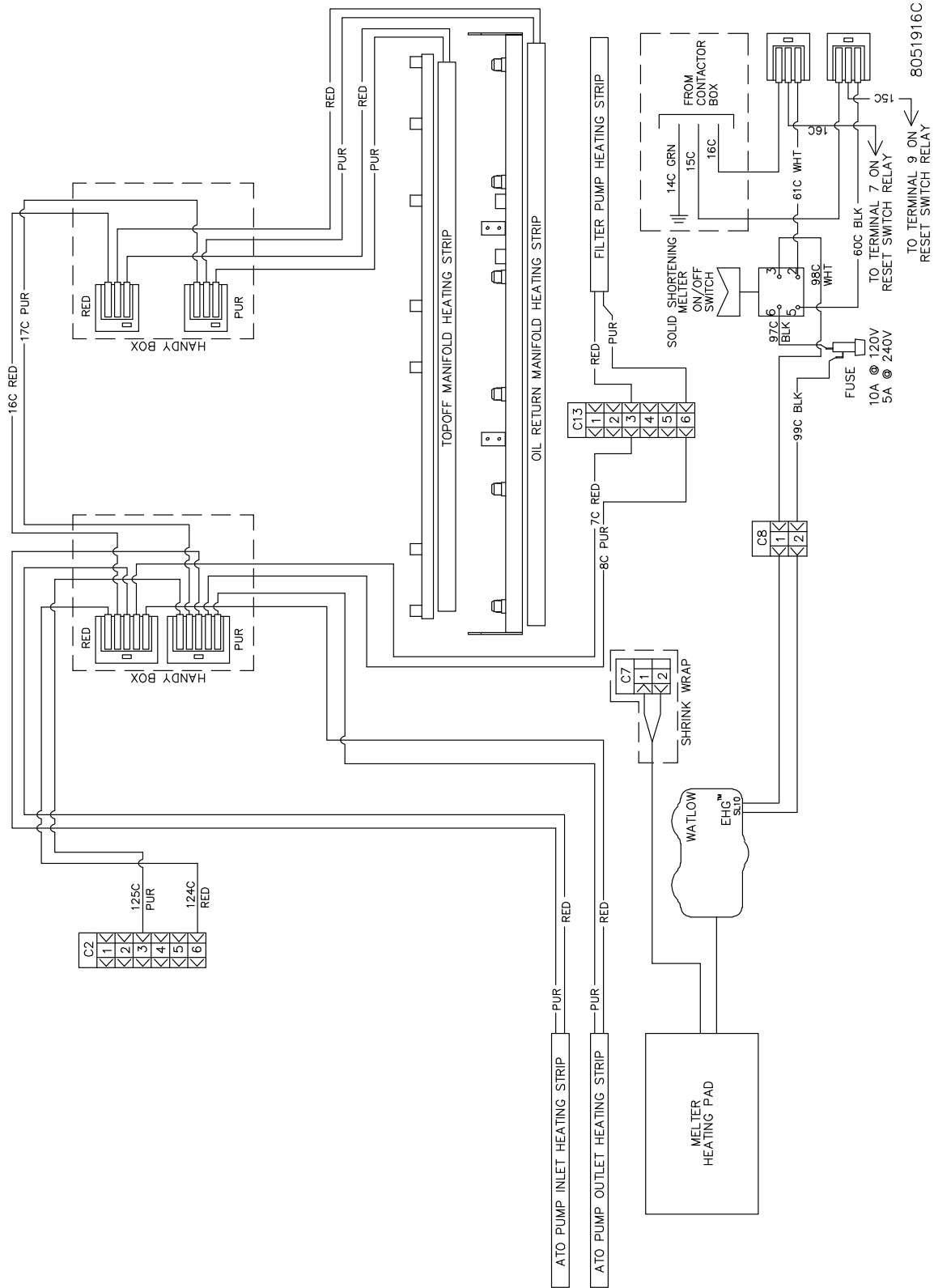
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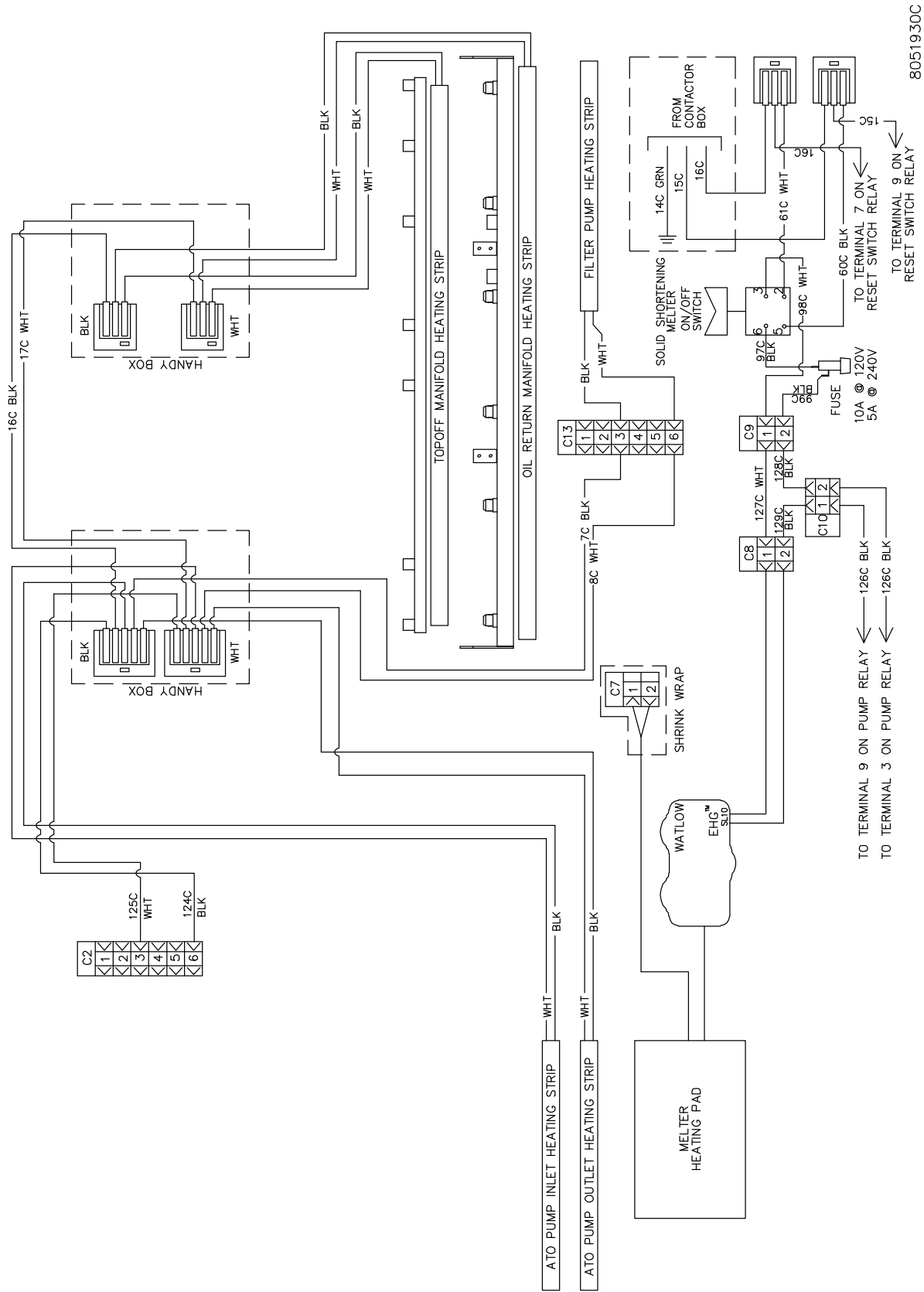
**DUAL VAT**

# 1.11 Solid Shortening

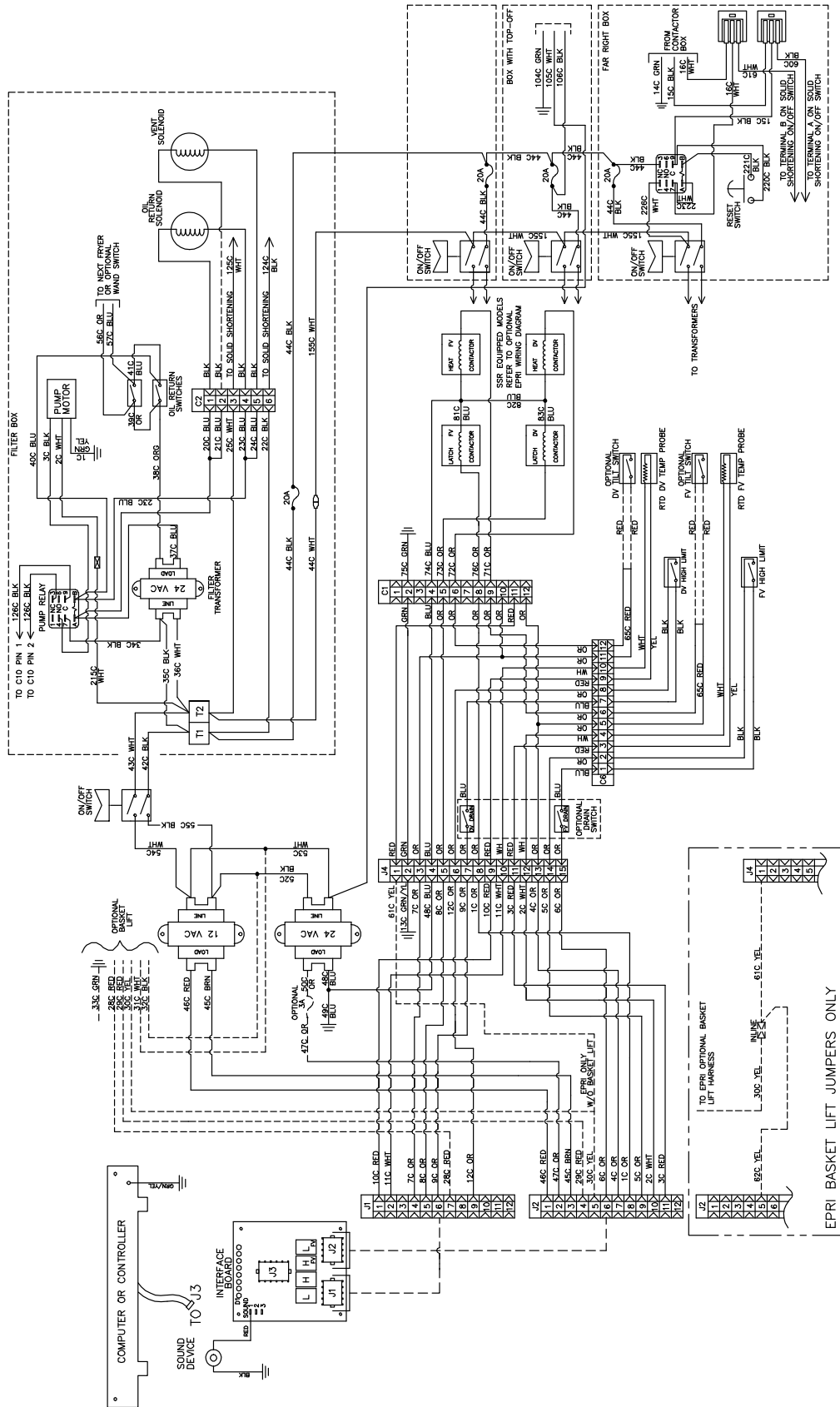
## 1.11.1 Solid Shortening Control Wiring 240V



### 1.11.1.2 Solid Shortening Control Wiring 120V



# 1.11.2 Solid Shortening Component Wiring 120V/480V

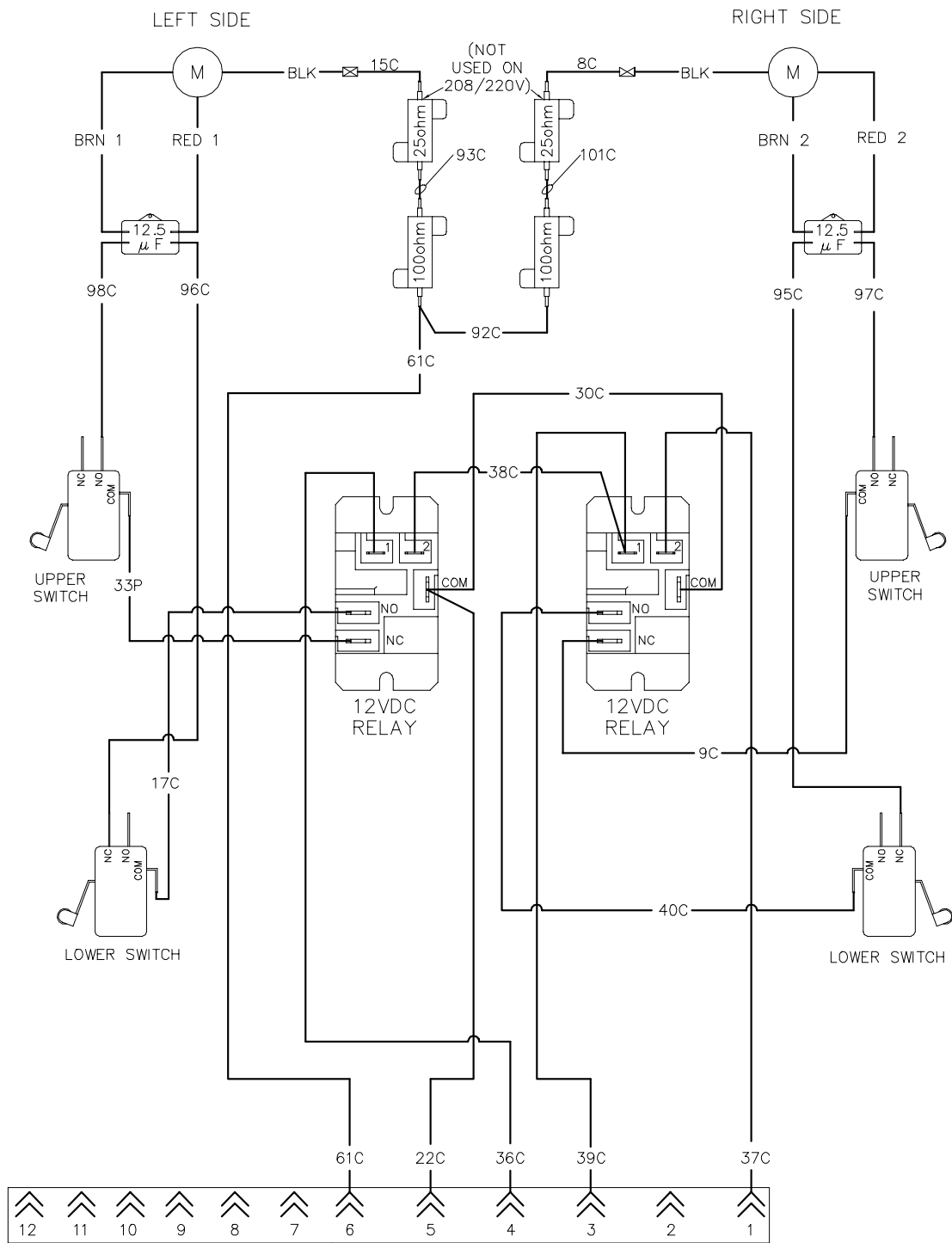


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## 1.12 Wiring Diagrams

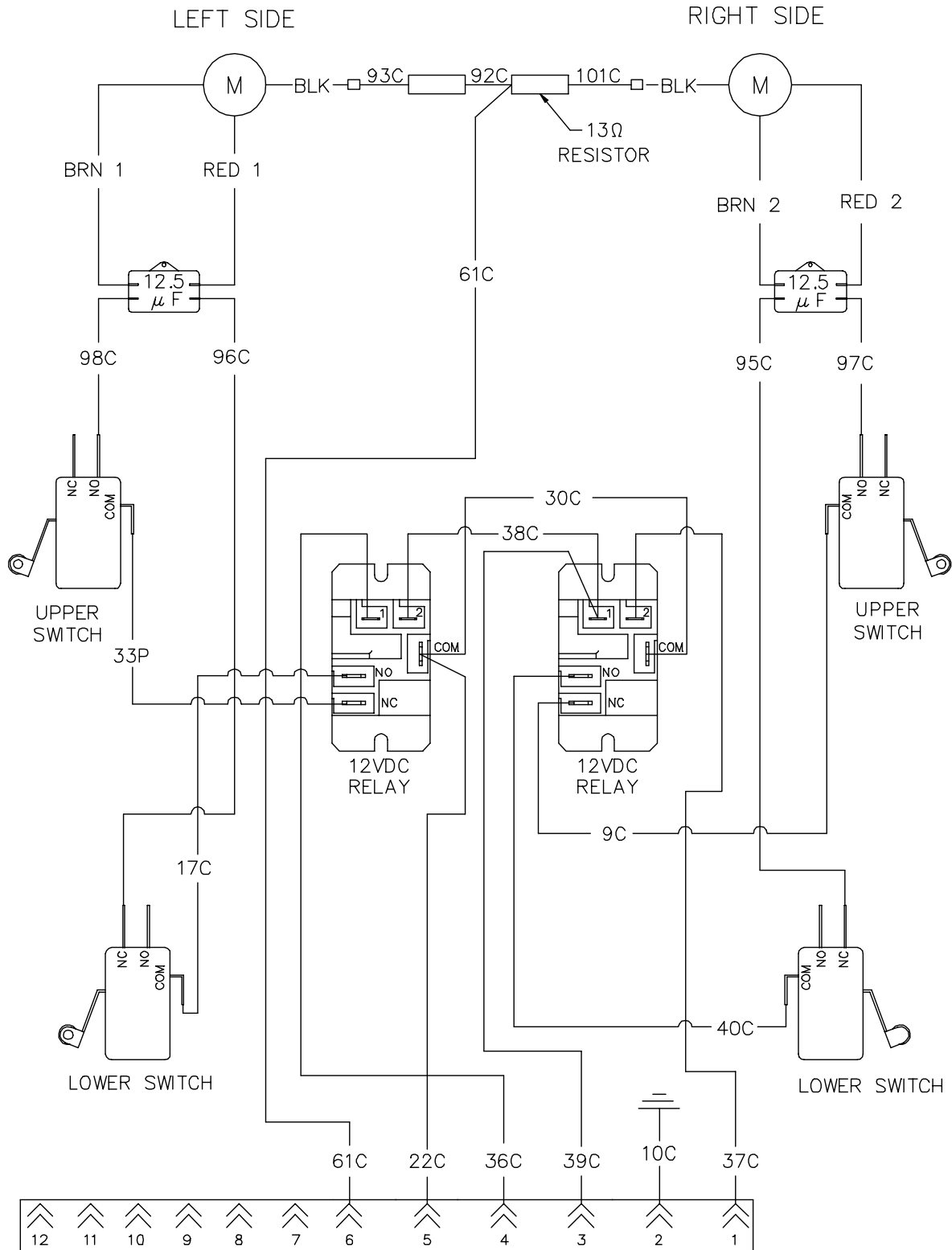
### 1.12.1 Modular Basket Lift Wiring Diagram 208-250V (After Mar. 2002)



REFERENCES TO LEFT & RIGHT ARE FROM THE REAR OF THE FRYER

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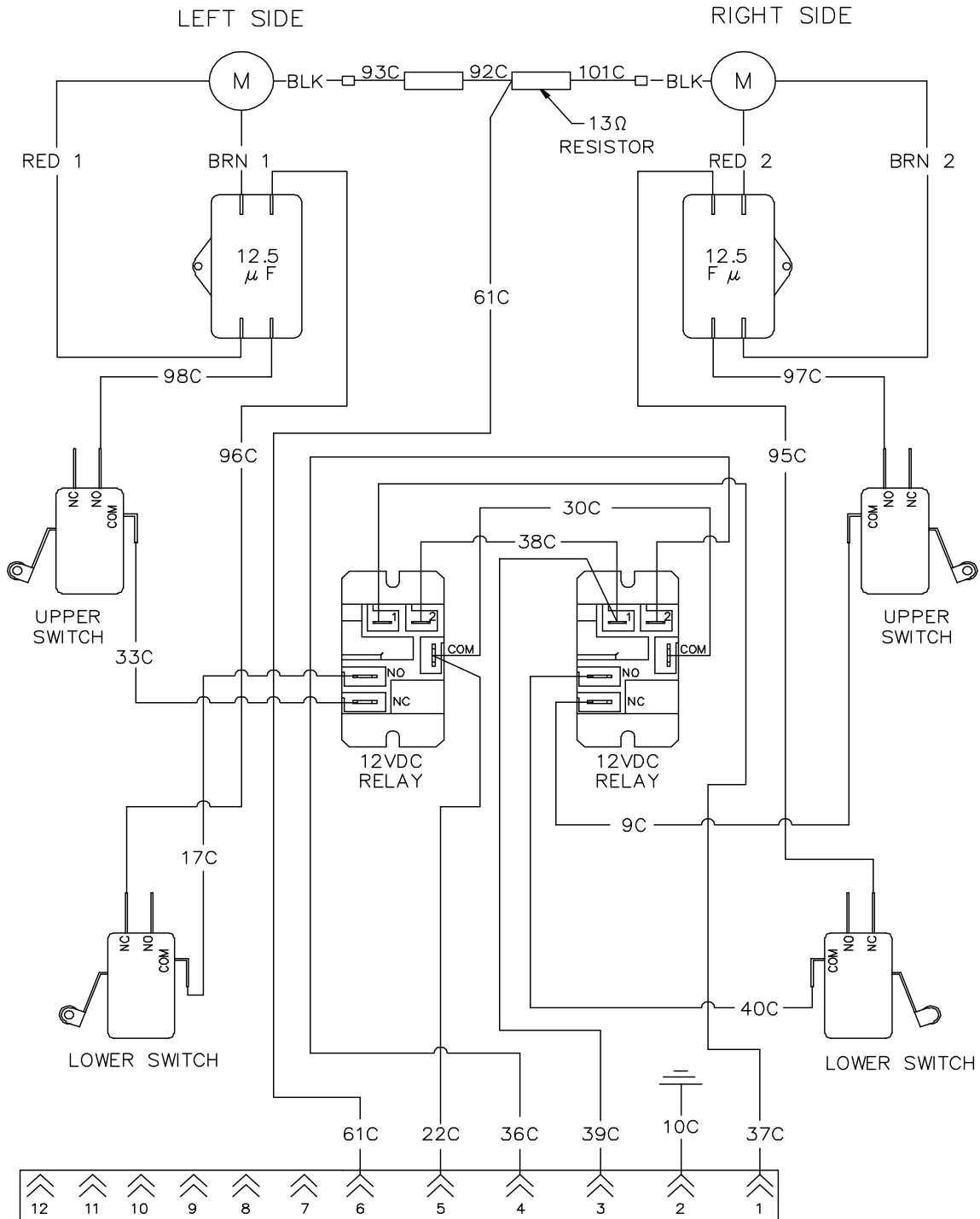
### 1.12.2 Modular Basket Lift Wiring Diagram 100-120V (After June 2006)



REFERENCES TO LEFT & RIGHT ARE FROM THE REAR OF THE FRYER

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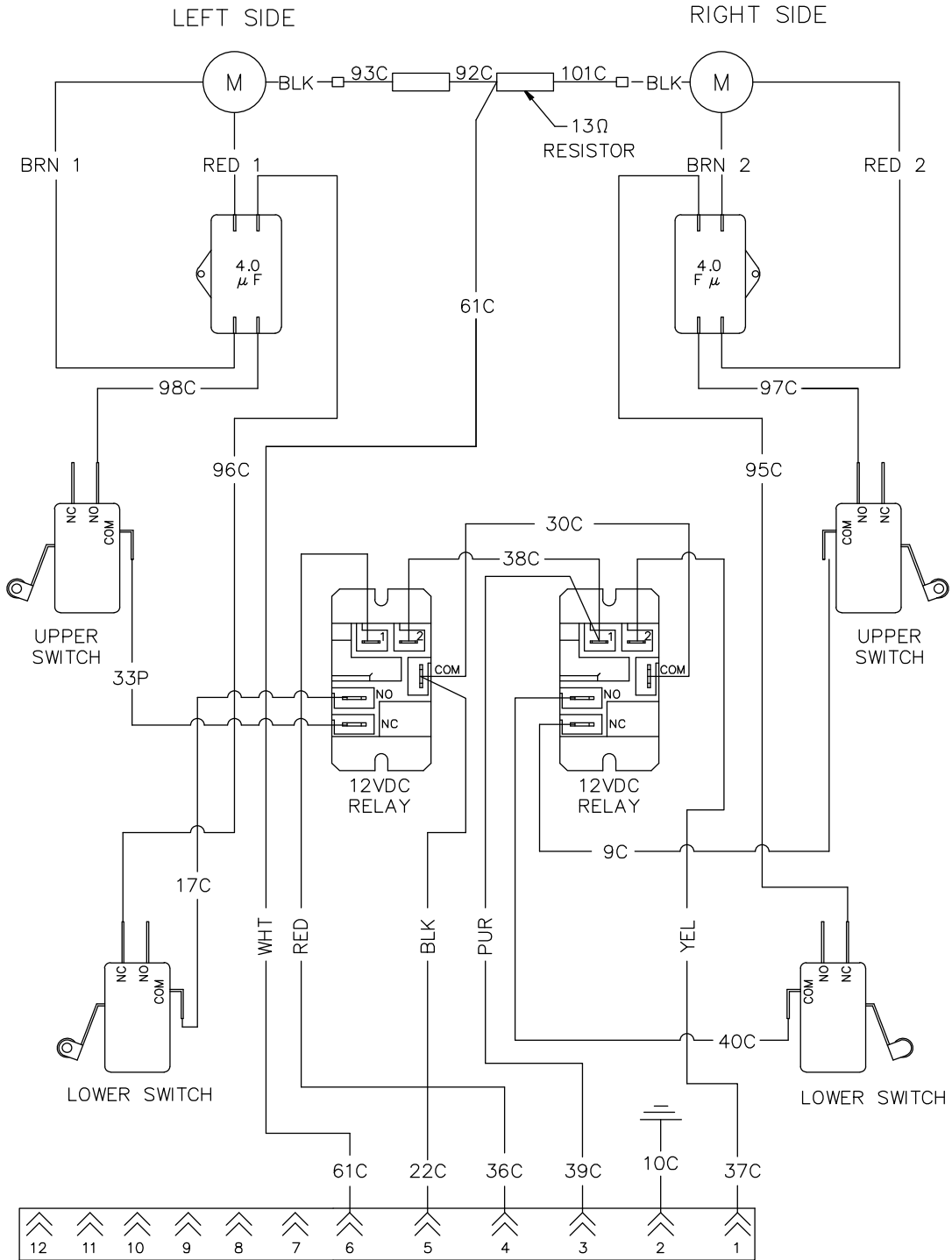
### 1.12.3 Modular Basket Lift Wiring Diagram 480V (After Jan. 2013)



REFERENCES TO LEFT & RIGHT ARE FROM THE REAR OF THE FRYER

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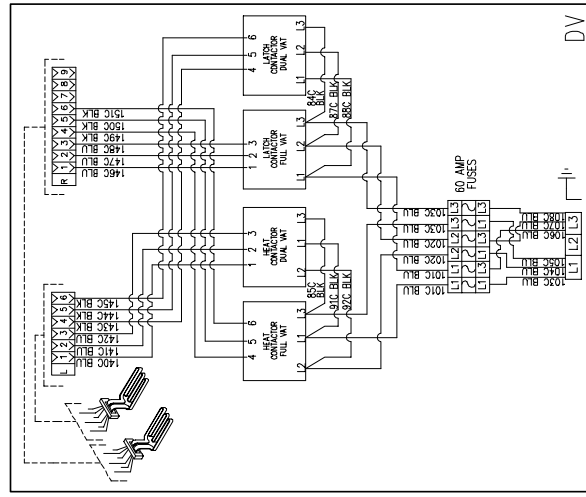
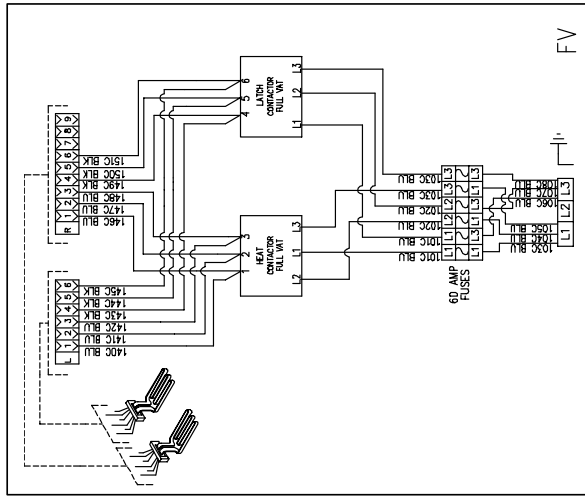
### 1.12.4 Modular Basket Lift Wiring Diagram 200V-250V (After Feb. 2013)



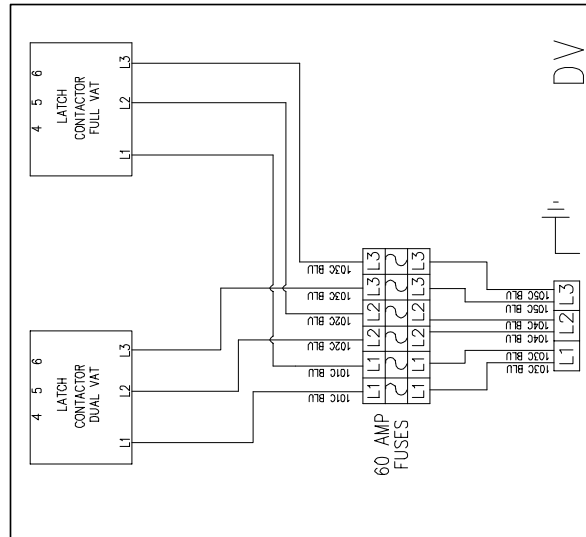
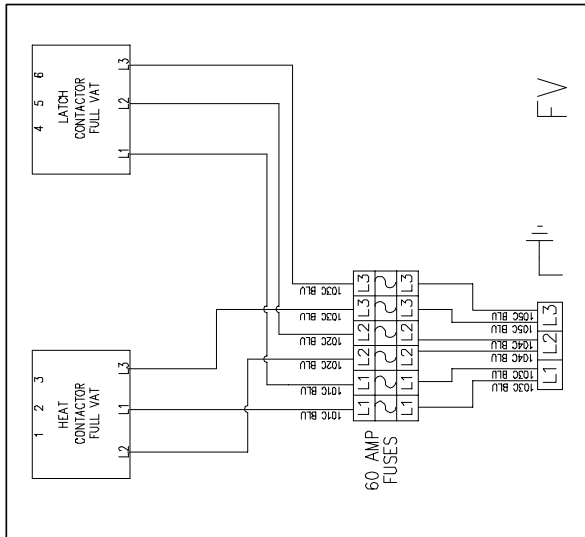
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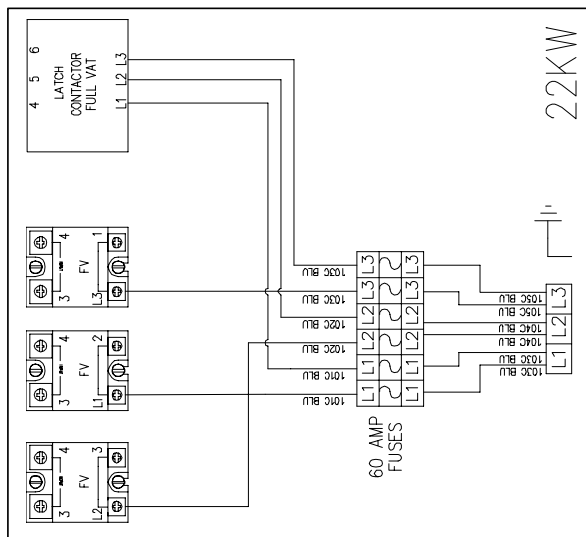
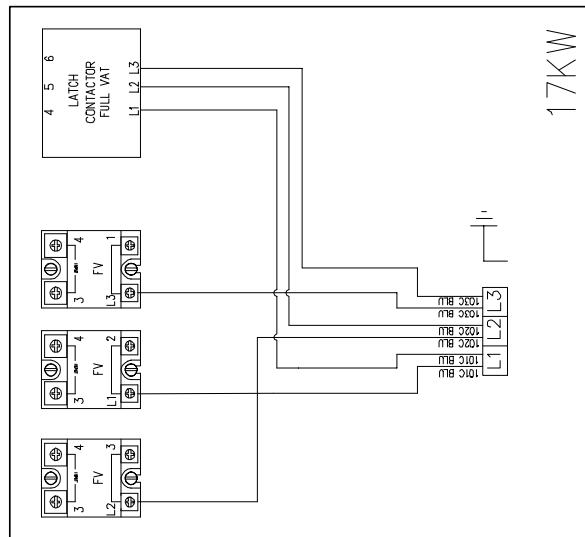
# 1.13 Terminal Block Wiring



8051652C  
SINGLE PHASE TERMINAL BLOCK WIRING DIAGRAMS



8051634B  
22kW TERMINAL BLOCK WIRING DIAGRAMS



8051633A  
EPR/TRIAC TERMINAL BLOCK WIRING DIAGRAMS

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