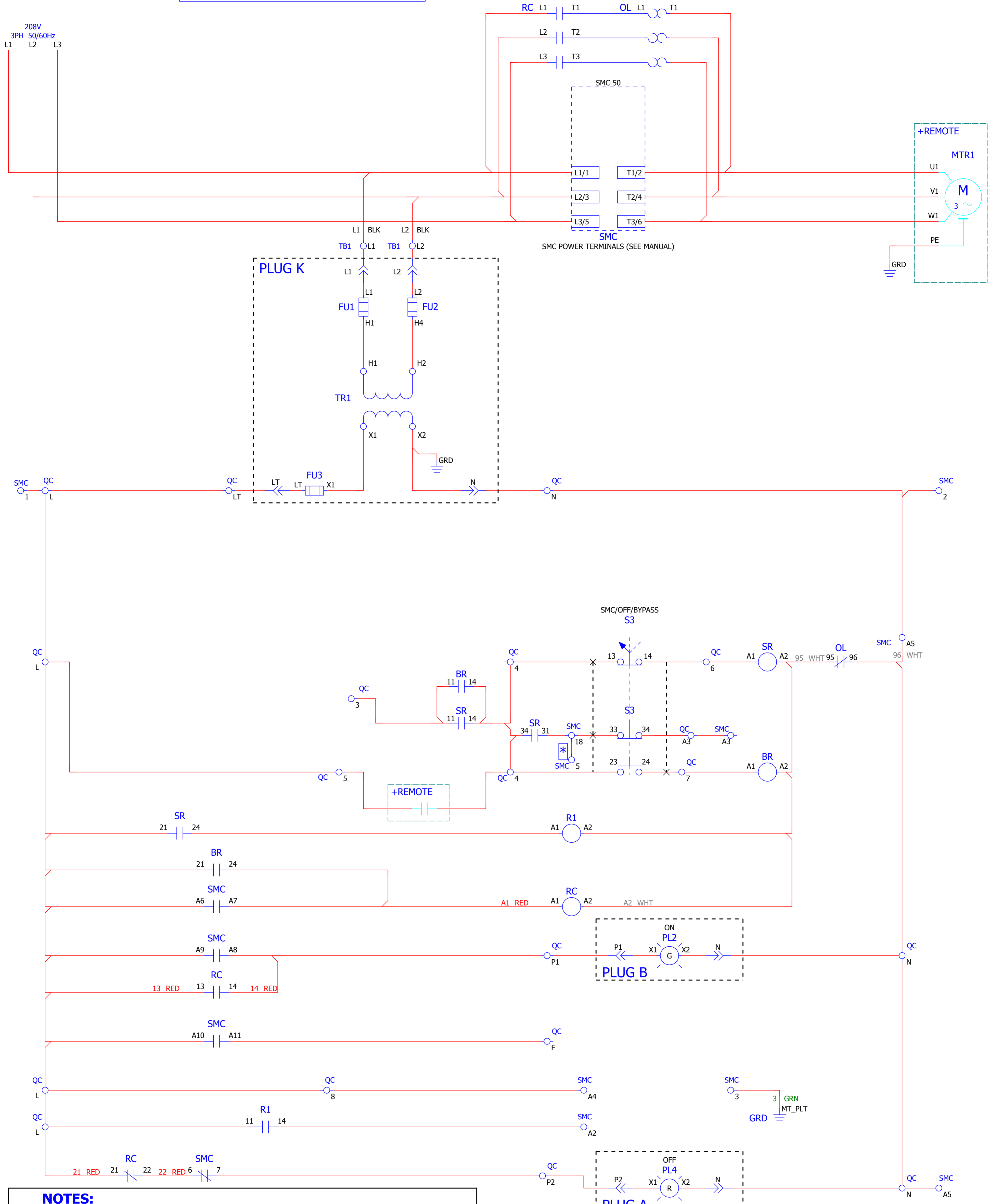


# 150S-D42JHD-3B-4GR-6XP-BP



## NOTES:

- \* ADD JUMPER FROM TERMINAL BLOCK "18" TO TERMINAL BLOCK "5" WHEN USING DPI (-HC3 or -20\*) JUMPER IS INCLUDED IN RAIL IN TERMINAL BLOCK 18.
  - \* \* REMOVE PRE-INSTALLED YELLOW JUMPER BETWEEN TERMINAL BLOCK "L" AND TERMINAL BLOCK "8" WHEN USING AUX COMMAND DEVICE
- |  |   |
|--|---|
| <p>1 SMC FACTORY PRE-PROGRAMMED PARAMETERS; Product specific (not test setup ones):</p> <ul style="list-style-type: none"> <li>• PAR# 56 Disable 0</li> <li>• PAR# 57 Disable 0</li> <li>• PAR# 172 Aux1 Config to Ext Bypass 4</li> <li>• PAR# 176 Aux2 Config to Fault Normal (0)</li> <li>• PAR# 177 Enabled (1)</li> <li>• PAR# 230 (Upper) XXXX XXXX 0000 0010</li> <li>• PAR# 230 (Lower) 0000 0000 0000 0001</li> </ul> <p>SMC50 I/O device parameters (150-SM4):</p> <ul style="list-style-type: none"> <li>• With HIM and Communication Card installed In Port 00 SMC-50</li> <li>• PAR # 148 X000 0000 0001 0100</li> <li>• PAR # 3 Input 2 (A2) Start 1</li> <li>• PAR # 4 Input 3 (A3) Coast 2</li> <li>• PAR # 5 Input 4 (A4) Stop Option 3</li> <li>• PAR # 6 Aux1Cfg Ext Bypass 4</li> <li>• PAR # 10 Aux2Cfg Normal 0</li> <li>• Set PAR # 14 Aux3Cfg Fault 2</li> </ul> | <p>2 RELAY FUNCTIONS;</p> <ul style="list-style-type: none"> <li>R1: PREVENT RACE CONDITION BETWEEN A3 &amp; A2</li> <li>BR 11-14: HOLD-IN CONTACT WITH START-STOP FOR BYPASS</li> <li>SR 11-14: HOLD-IN CONTACT WITH START-STOP FOR SR RELAY (STARTS SMC)</li> <li>SR 31-34: STARTS SMC WITH PILOT DEVICE (NO DPI PRESENT)</li> <li>R1 11-14: SMC START COMMAND</li> </ul> |
| <p>3 USE 75°C CU WIRE ONLY</p>   | <p>4 LINE FUSES SUPPLIED BY CUSTOMER WHEN DISCONNECT SWITCH IS SUPPLIED. REFER TO NEC WHEN SELECTING SHORT CIRCUIT PROTECTION</p>   |
| <p>5 ADDITIONAL CONTROL CIRCUIT OVERCURRENT PROTECTION REQUIRED FOR NON-COMBINATION STARTERS. REFER TO NATIONAL ELECTRIC CODE.</p>   |   |

Wire Connector Torque	
Line Terminal (Lb.In.)	Load Terminal (Lb.In.)
375	375

**Rockwell Automation**

**AB** QUALITY

**Title:**  
SMC NON COMBO

**CATALOG NO.**  
150S-D42JHD-3B-4GR-6XP-BP

**Drawn by:** AUTO\_GEN    **Date:** 12/21/17    **Sheet:** 1 of 2    **Ver:** 00    **Size:** D

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**S.O.**