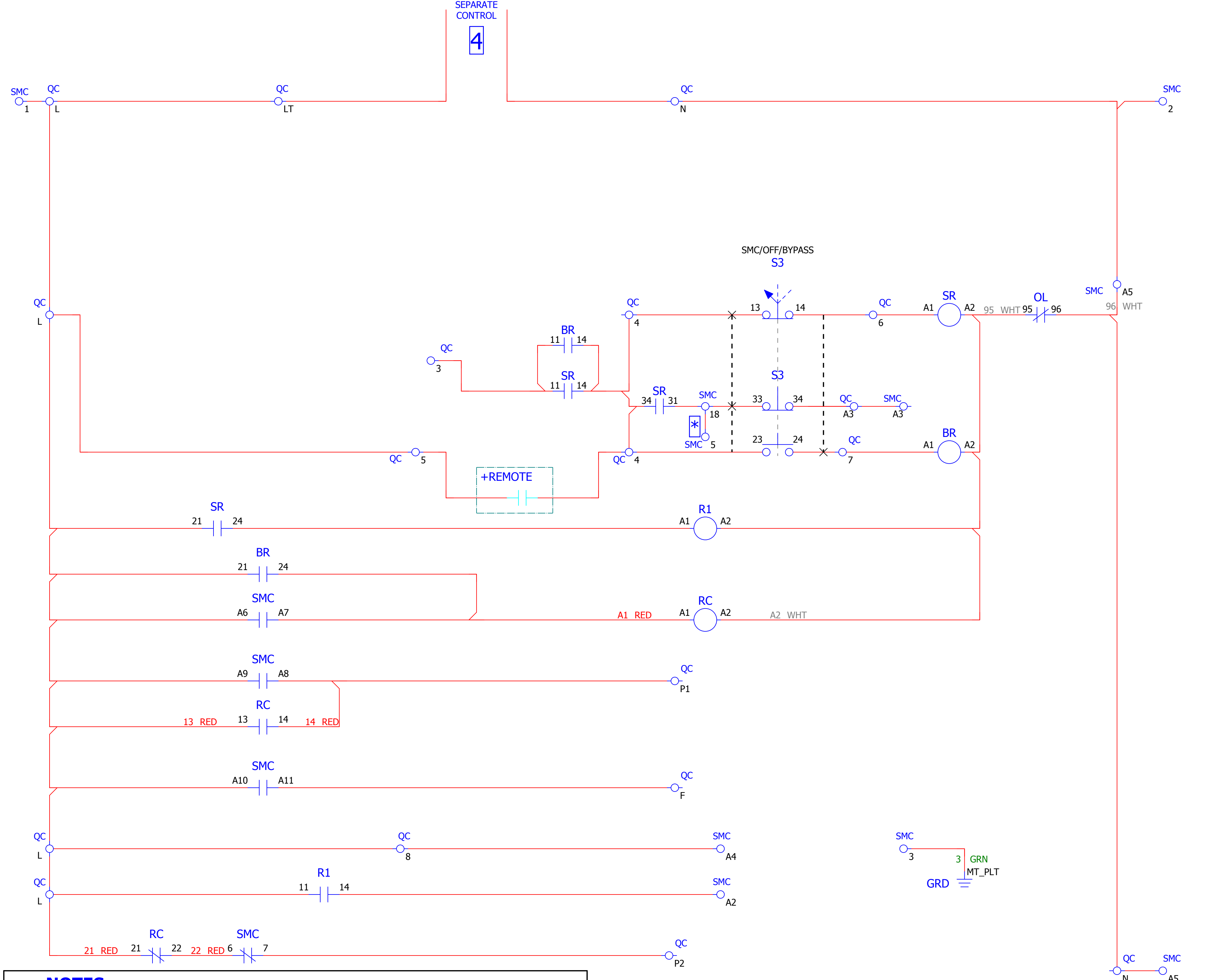
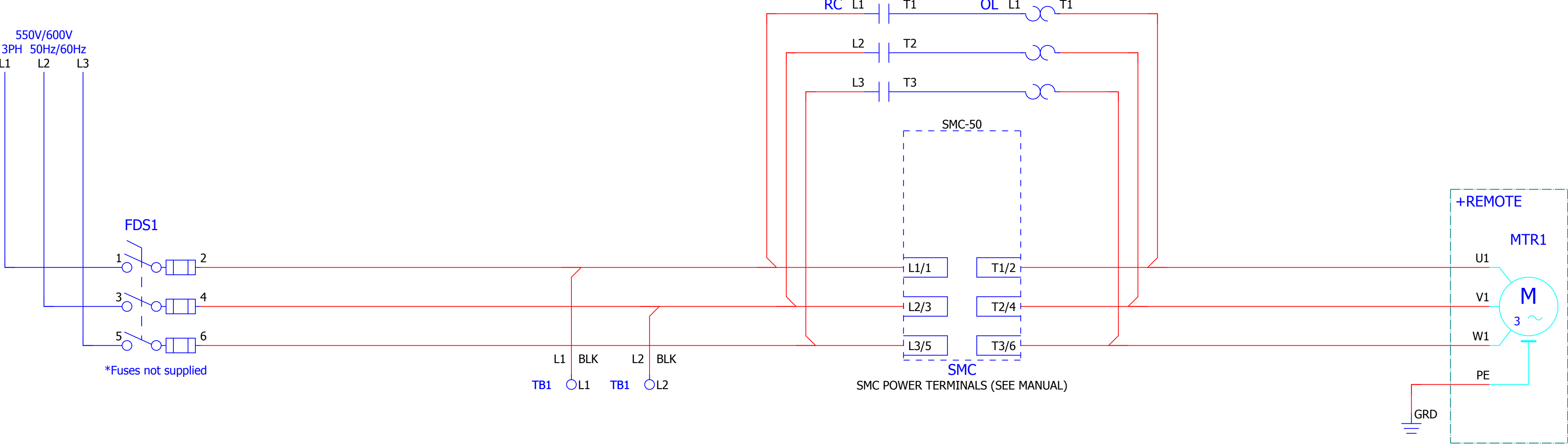


152S-D14JCD-J20-3B-20E-BP



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
- [1]** SMC FACTORY PRE-PROGRAMMED PARAMETERS; In Port 00 SMC-50

  - PAR# 56 Disable 0
  - PAR# 57 Disable 0
  - PAR# 172 Aux1 Config to Ext Bypass 4
  - PAR# 176 Aux2 Config to Fault Normal (0)
  - PAR# 177 Enabled (1)
  - PAR# 230 (Upper) XXXX XXXX 0000 0010
  - PAR# 230 (Lower) 0000 0000 0000 0001

SMC50 I/O device parameters (150-SM4):

  - With HIM and Communication Card installed
  - In Port 00 SMC-50
  - PAR # 148 X000 0000 0001 0100
  - PAR # 3 Input 2 (A2) Start 1
  - PAR # 4 Input 3 (A3) Coast 2
  - PAR # 5 Input 4 (A4) Stop Option 3
  - PAR # 6 Aux1Cfg Ext Bypass 4
  - PAR # 10 Aux2Cfg Normal 0
  - Set PAR # 14 Aux3Cfg Fault 2
- [2]** RELAY FUNCTIONS;

R1: PREVENT RACE CONDITION BETWEEN A3 & A2

BR 11-14: HOLD-IN CONTACT WITH START-STOP FOR BYPASS

SR 11-14: HOLD-IN CONTACT WITH START-STOP FOR SR RELAY (STARTS SMC)

SR 31-34: STARTS SMC WITH PILOT DEVICE (NO DPI PRESENT)

R1 11-14: SMC START COMMAND
- [3]** USE 75°C CU WIRE ONLY
- [4]** LINE FUSES SUPPLIED BY CUSTOMER WHEN DISCONNECT SWITCH IS SUPPLIED. REFER TO NEC WHEN SELECTING SHORT CIRCUIT PROTECTION
- [5]** ADDITIONAL CONTROL CIRCUIT OVERCURRENT PROTECTION REQUIRED FOR NON-COMBINATION STARTERS. REFER TO NATIONAL ELECTRIC CODE.

| Wire Connector Torque  |                        |
|------------------------|------------------------|
| Line Terminal (Lb.In.) | Load Terminal (Lb.In.) |
| 275                    | 275                    |



**Rockwell Automation**

**Title:**  
SMC COMBO

**CATALOG NO.**  
**152S-D14JCD-J20-3B-20E-BP**

**Drawn by:** AUTO\_GEN

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**S.O.**

**Date:** 02/12/18

**Sheet:** 1 of 2

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