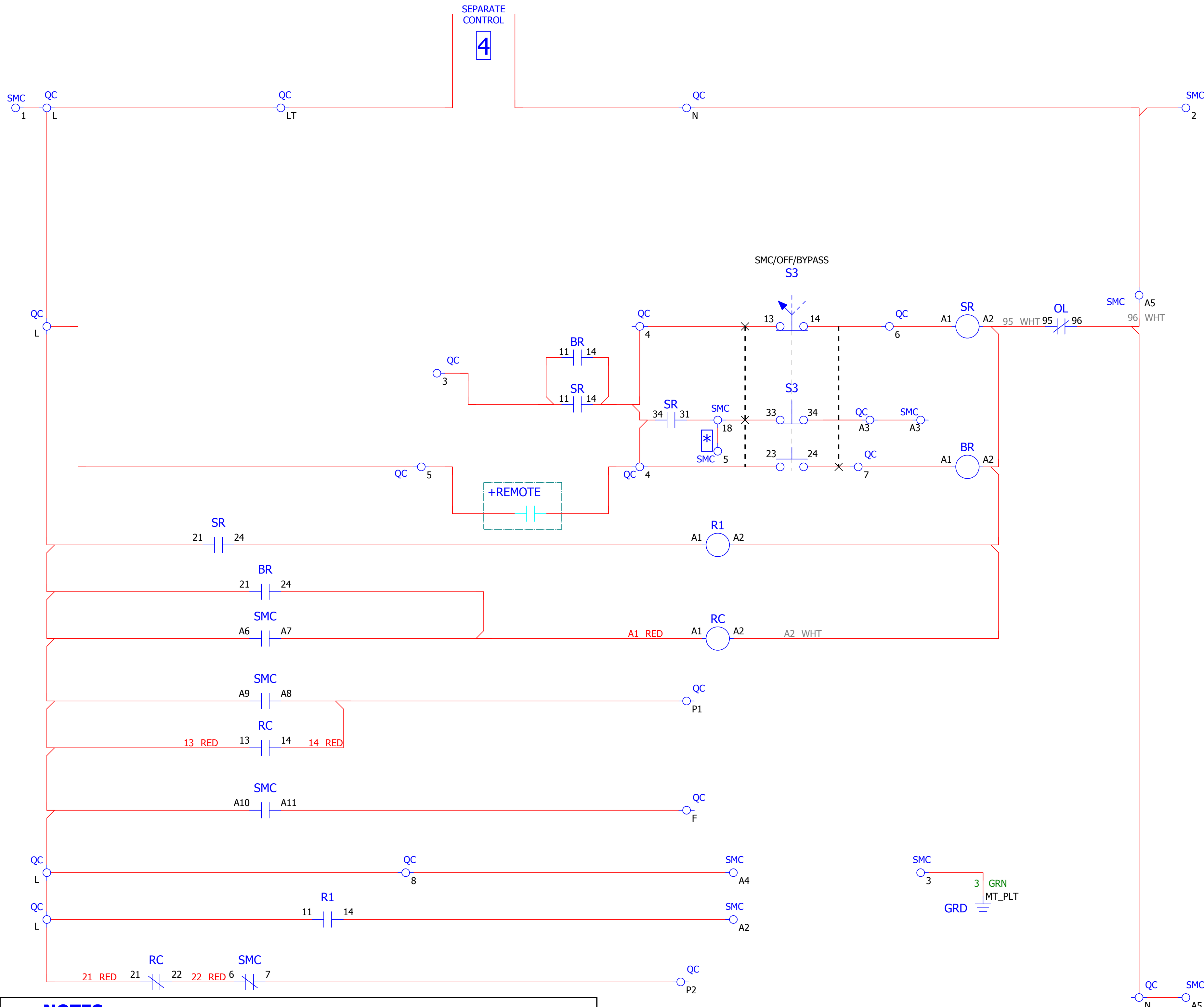
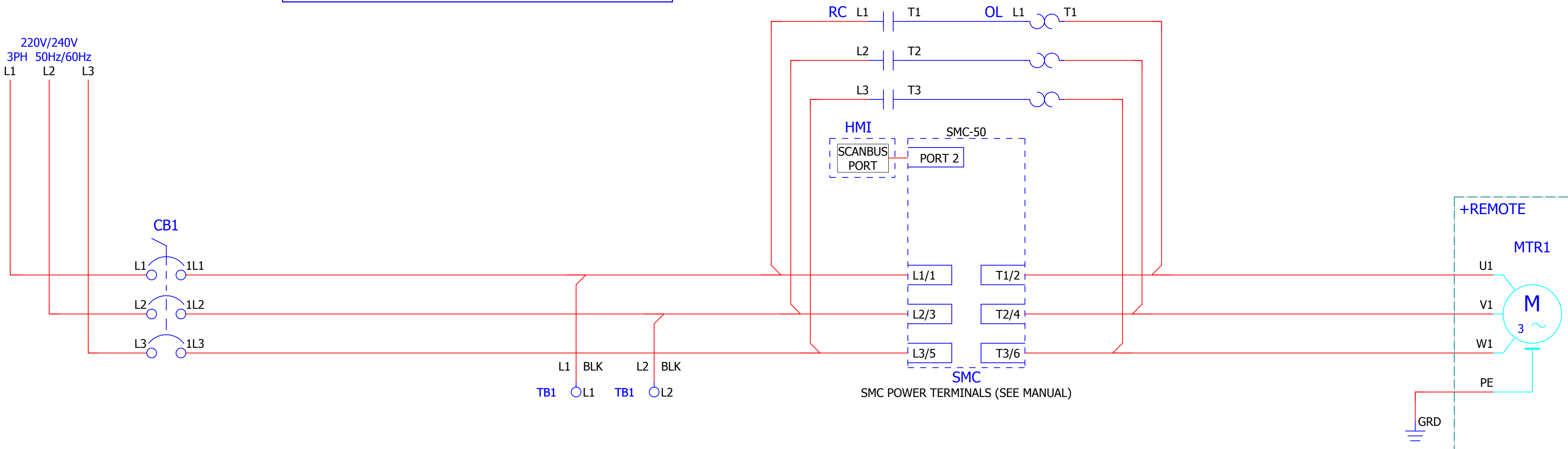


153S-C90JAD-D12-3B-BP-HC6



## 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 PARAMETER  
A2=START, A3=COAST, A4=OPTION STOP  
Product specific (not test setup ones):
- 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 Aux1Cfgr Ext Bypass 4
  - PAR # 10 Aux2Cfgr Normal 0
  - Set PAR # 14 Aux3Cfgr 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<br>(Lb.In.) | Load Terminal<br>(Lb.In.) |
| 62                        | 275                       |



# Rockwell Automation

**Title:**  
**SMC COMBO**

**CATALOG NO.**

**153S-C90JAD-D12-3B-BP-HC6**

**Drawn by:** AUTO\_GEN

**Date:** 01/24/18

**Sheet:** 1 of 2

**Ver: 00**

Size: D

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**S.O.**