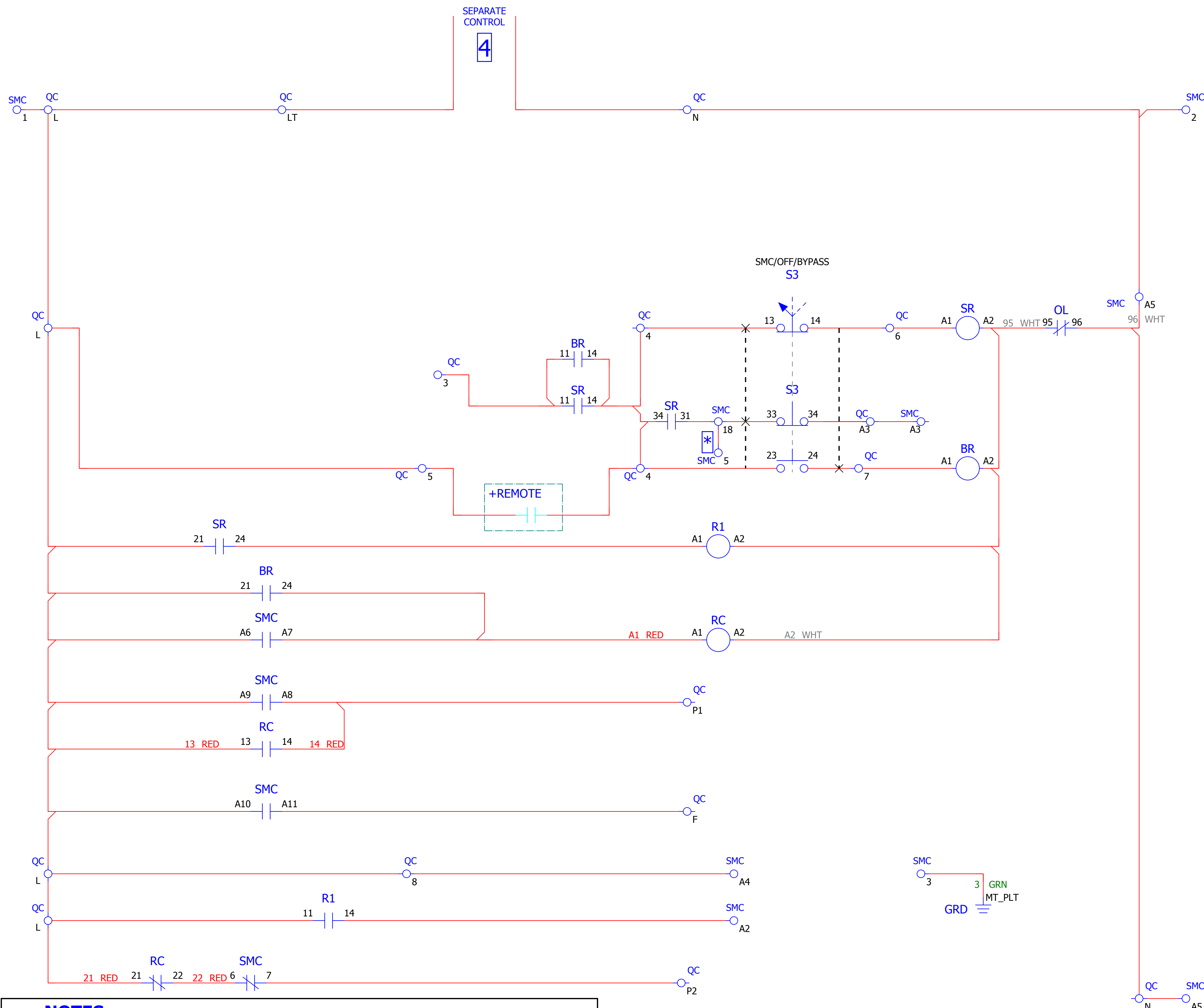
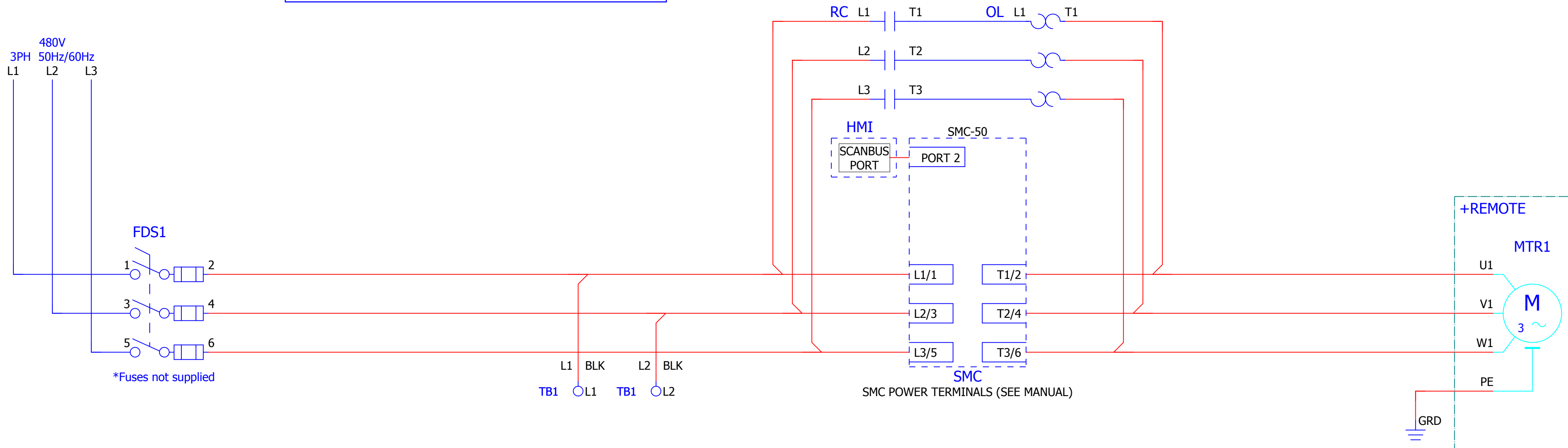


152S-C90JBD-J20-3B-BP-HC6



**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 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<br>(Lb.In.) | Load Terminal<br>(Lb.In.) |
| 275                       | 275                       |

|                                                                                                                  |                       |                                                                                                                                                                                                                                                                          |                |
|------------------------------------------------------------------------------------------------------------------|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
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| <b>Title:</b><br><b>SMC COMBO</b>                                                                                |                       | <b>S.O.</b>                                                                                                                                                                                                                                                              |                |
| <b>CATALOG NO.</b><br><b>152S-C90JBD-J20-3B-BP-HC6</b>                                                           |                       |                                                                                                                                                                                                                                                                          |                |
| <b>Drawn by:</b> AUTO_GEN                                                                                        | <b>Date:</b> 01/16/18 | <b>Sheet:</b> 1 of 2                                                                                                                                                                                                                                                     | <b>Ver:</b> 00 |
|                                                                                                                  |                       | <b>Size:</b> D                                                                                                                                                                                                                                                           |                |