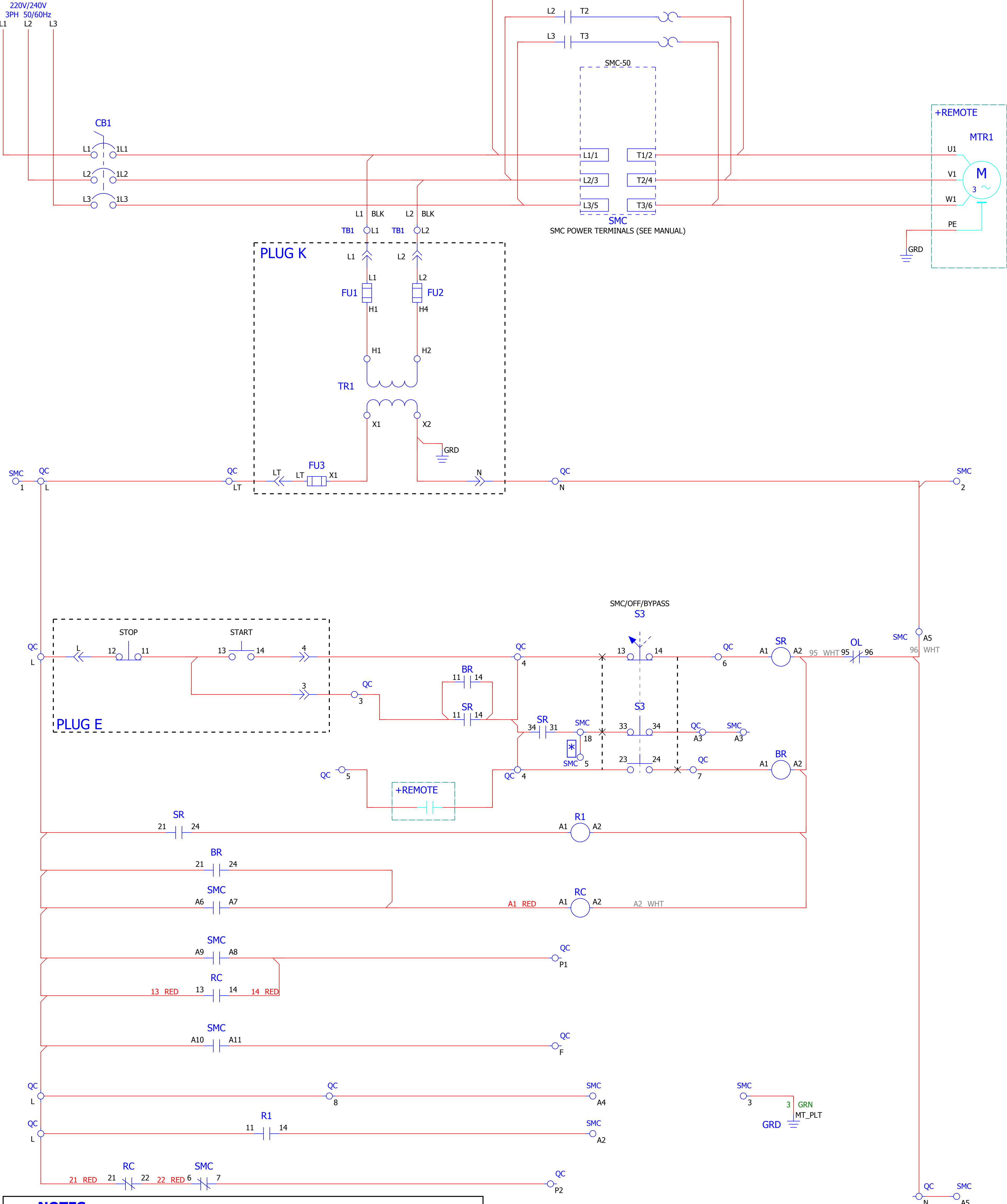


153S-D42JAD-D80-1-3B-6P-BP



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; **2** RELAY FUNCTIONS;  
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
- 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.
- 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

| Wire Connector Torque  |                        |
|------------------------|------------------------|
| Line Terminal (Lb.In.) | Load Terminal (Lb.In.) |
| 380                    | 375                    |



**Rockwell Automation**

**Title:**  
SMC COMBO

**CATALOG NO.**  
153S-D42JAD-D80-1-3B-6P-BP

**Drawn by:** AUTO\_GEN

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**S.O.**

**Date:** 02/02/18

**Sheet:** 1 of 2

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