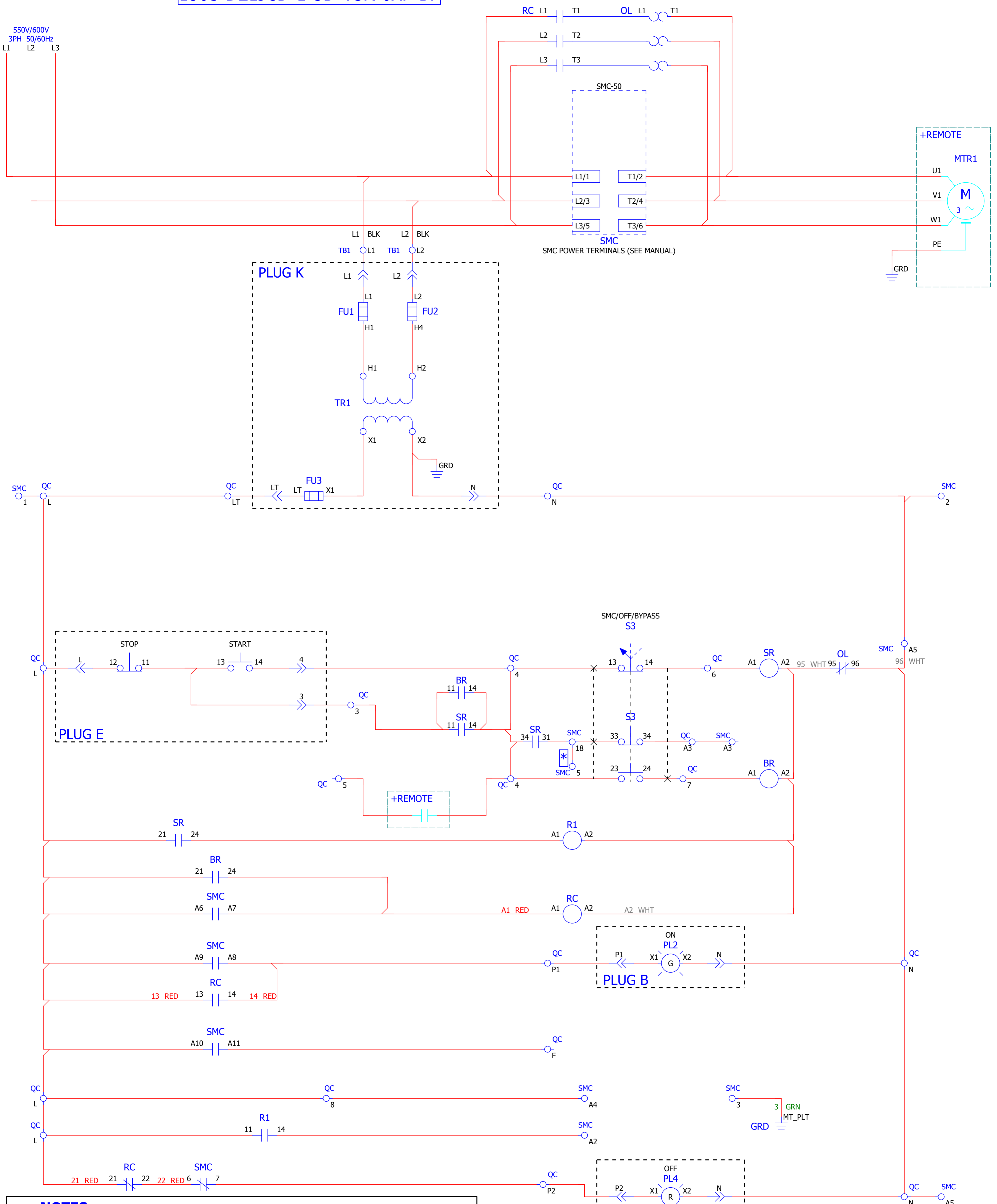


# 150S-D21JCD-1-3B-4GR-6XP-BP



**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

**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.) |
| 275                    | 275                    |

**Rockwell Automation**

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**Title:** SMC NON COMBO

**CATALOG NO.** 150S-D21JCD-1-3B-4GR-6XP-BP

**Drawn by:** AUTO\_GEN **Date:** 12/18/17 **Sheet:** 1 of 2 **Ver:** 00 **Size:** D