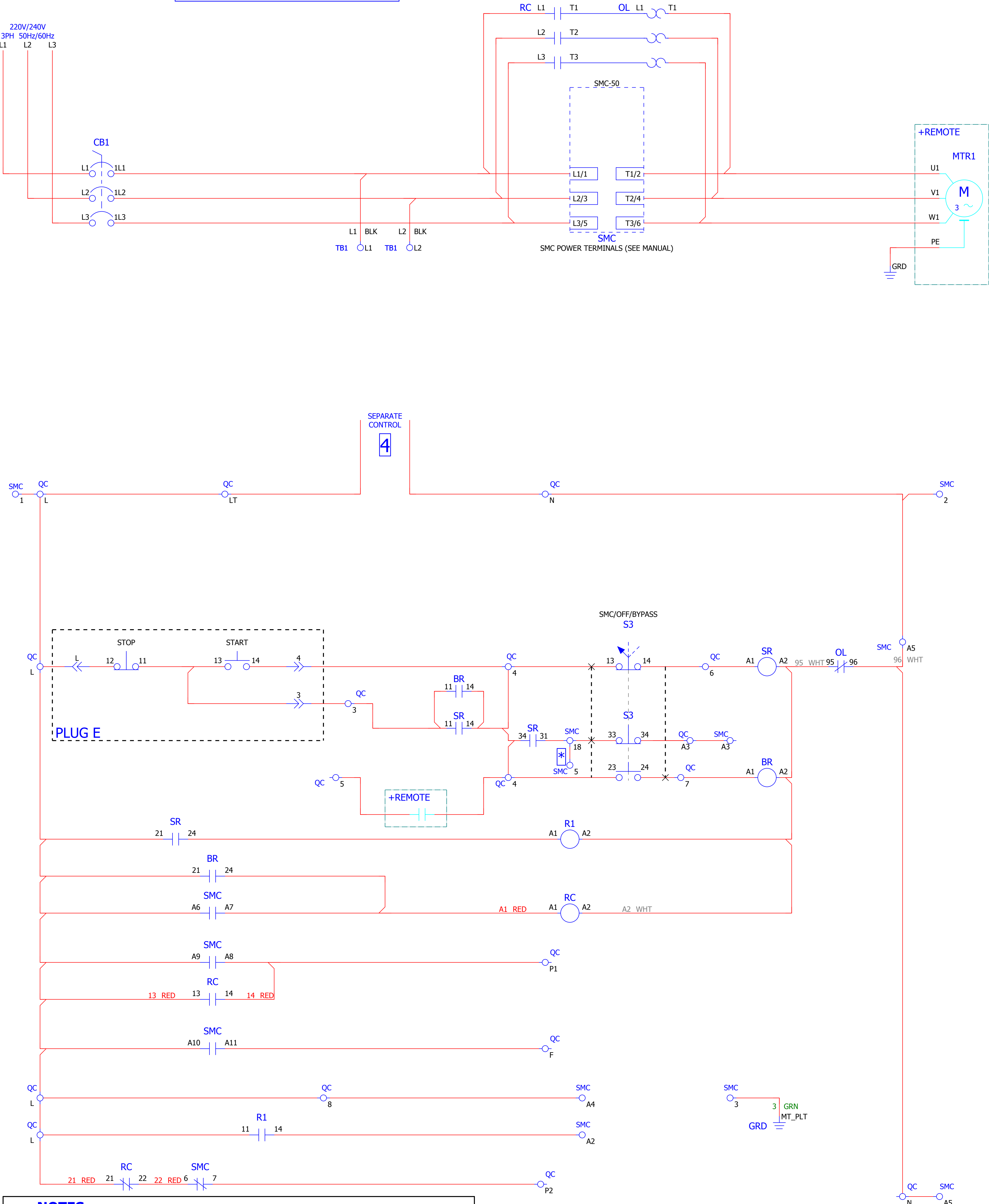


153S-D42JAD-D80-1-3B-BP



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
- 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.)
380	375

AB

QUALITY

Rockwell

Automation

Title:

SMC COMBO

CATALOG NO.

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

Drawn by:

AUTO_GEN

Date:

02/02/18

Sheet:

1 of 2

Ver:

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S.O.