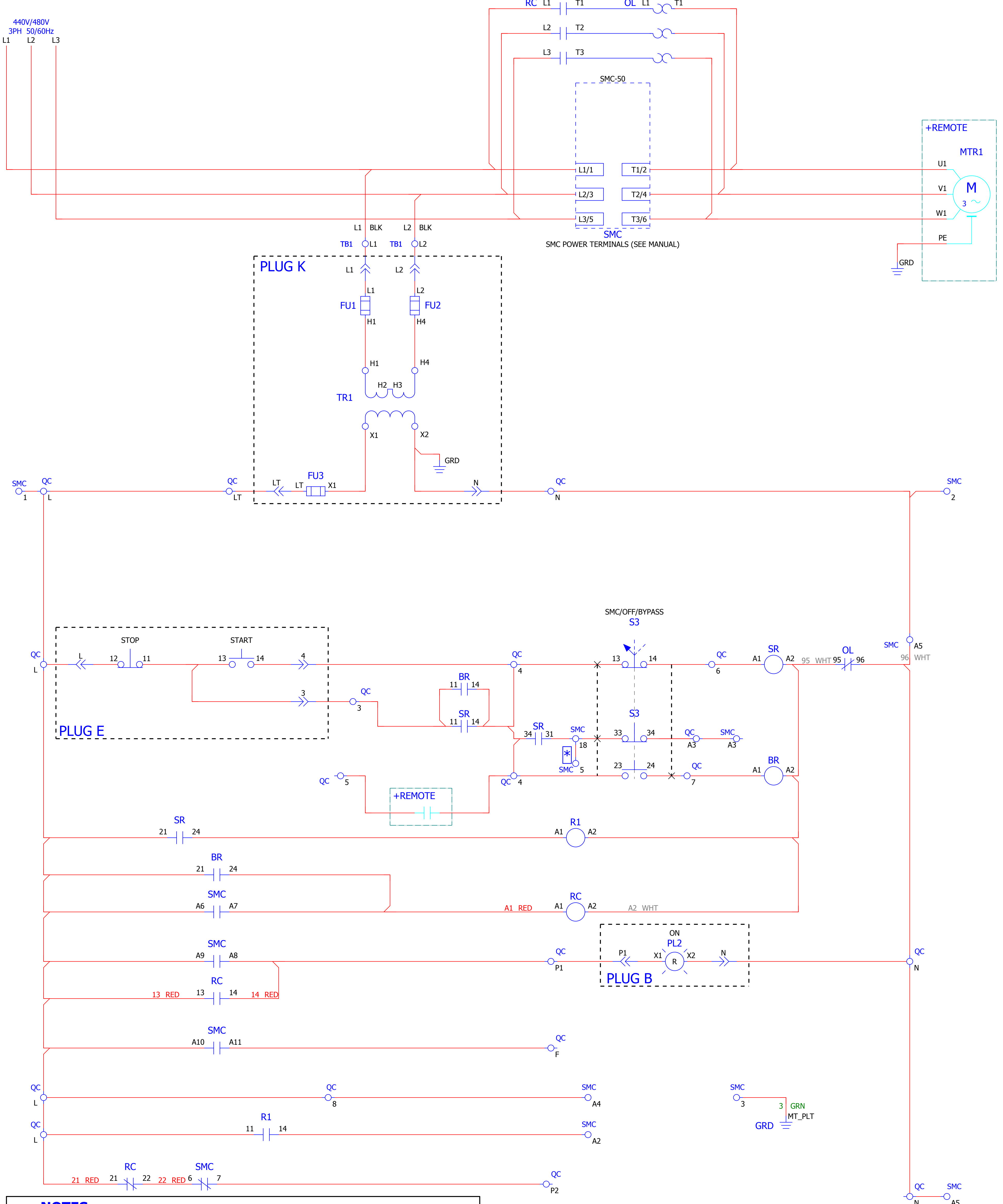


150S-D42JBD-1-3B-4R-6XP-BP



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.)
375	375

Rockwell Automation

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Title:
SMC NON COMBO

S.O.

CATALOG NO.
150S-D42JBD-1-3B-4R-6XP-BP

Drawn by: AUTO_GEN **Date:** 12/20/17 **Sheet:** 1 of 2 **Ver:** 00 **Size:** D