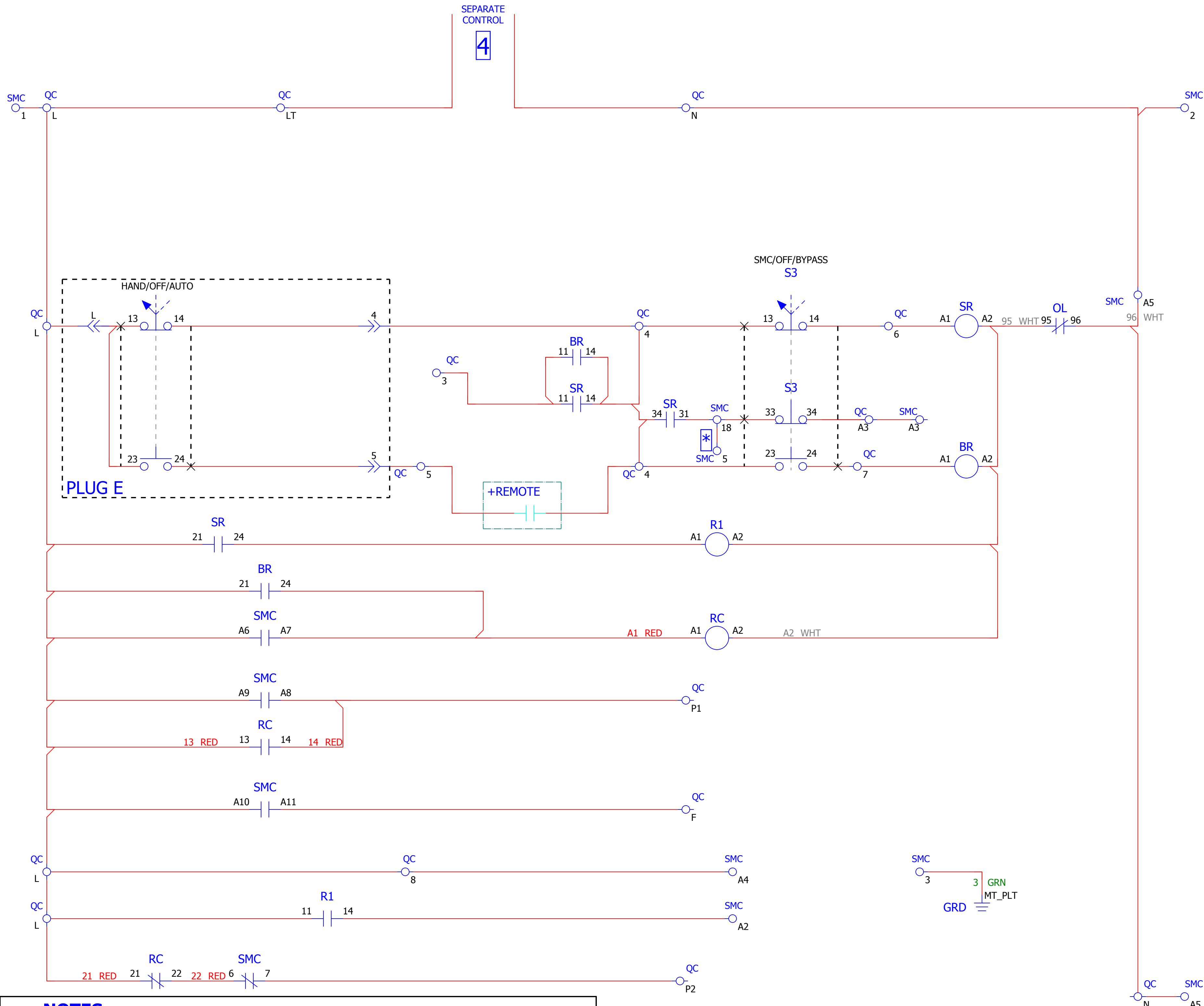
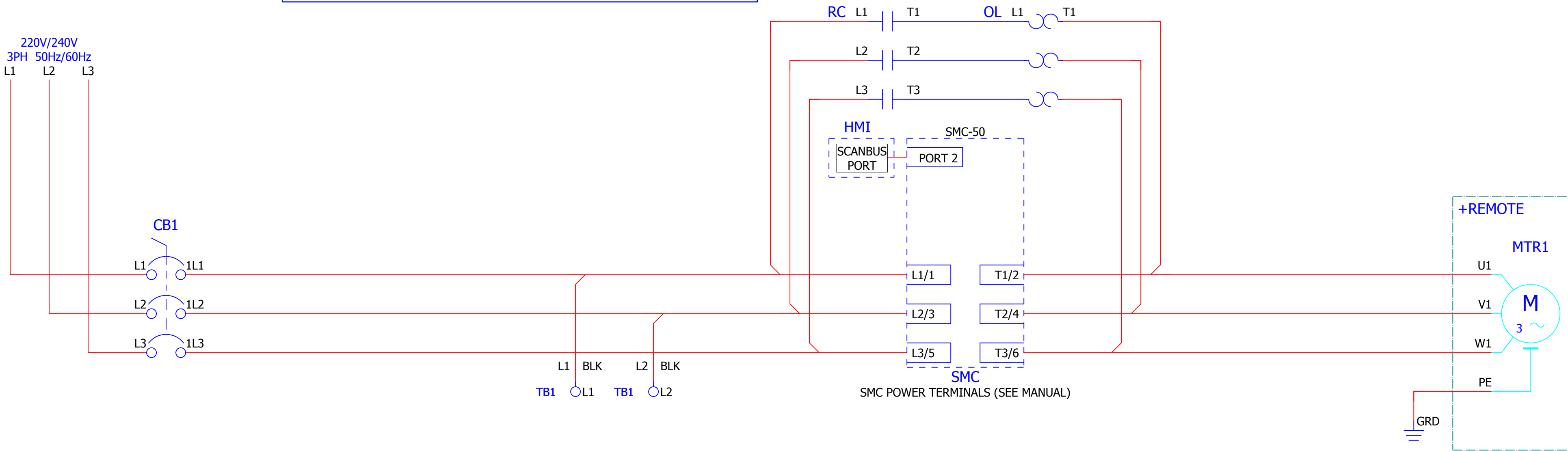


153S-C90JAD-D12-3-3B-20E-BP-HC6



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 "L1" AND TERMINAL BLOCK "8" WHEN USING AUX COMMAND DEVICE

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

- SM50 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 Aux1Cfgr Ext Bypass 4
- PAR # 10 Aux2Cfgr Normal 0
- Set PAR # 14 Aux3Cfgr Fault 2

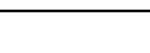
RELAY FUNCTIONS;
R1: PREVENT RACE CONDITION BETWEEN A3 &
A2
BR 11-14: HOLD-IN CONTACT WITH START-STOP
FOR BYPASS
SR 11-14: HOLD-IN CONTACT WITH START-STOP
FOR SR RELAY
(STARTS SMC)
SR 31-34: STARTS SMC WITH PILOT DEVICE (NO
DPI PRESENT)
R1 11-14: SMC START COMMAND

USE 75°C CU WIRE ONLY

LINE FUSES SUPPLIED BY CUSTOMER WHEN
DISCONNECT SWITCH IS SUPPLIED. REFER TO
NEC WHEN SELECTING SHORT CIRCUIT
PROTECTION

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.)
62	275

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Title: SMC COMBO		S.O.	
CATALOG NO. 153S-C90JAD-D12-3-3B-20E-BP-HC6			
Drawn by: AUTO_GEN	Date: 02/21/18	Sheet: 1 of 2	Ver: 00
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