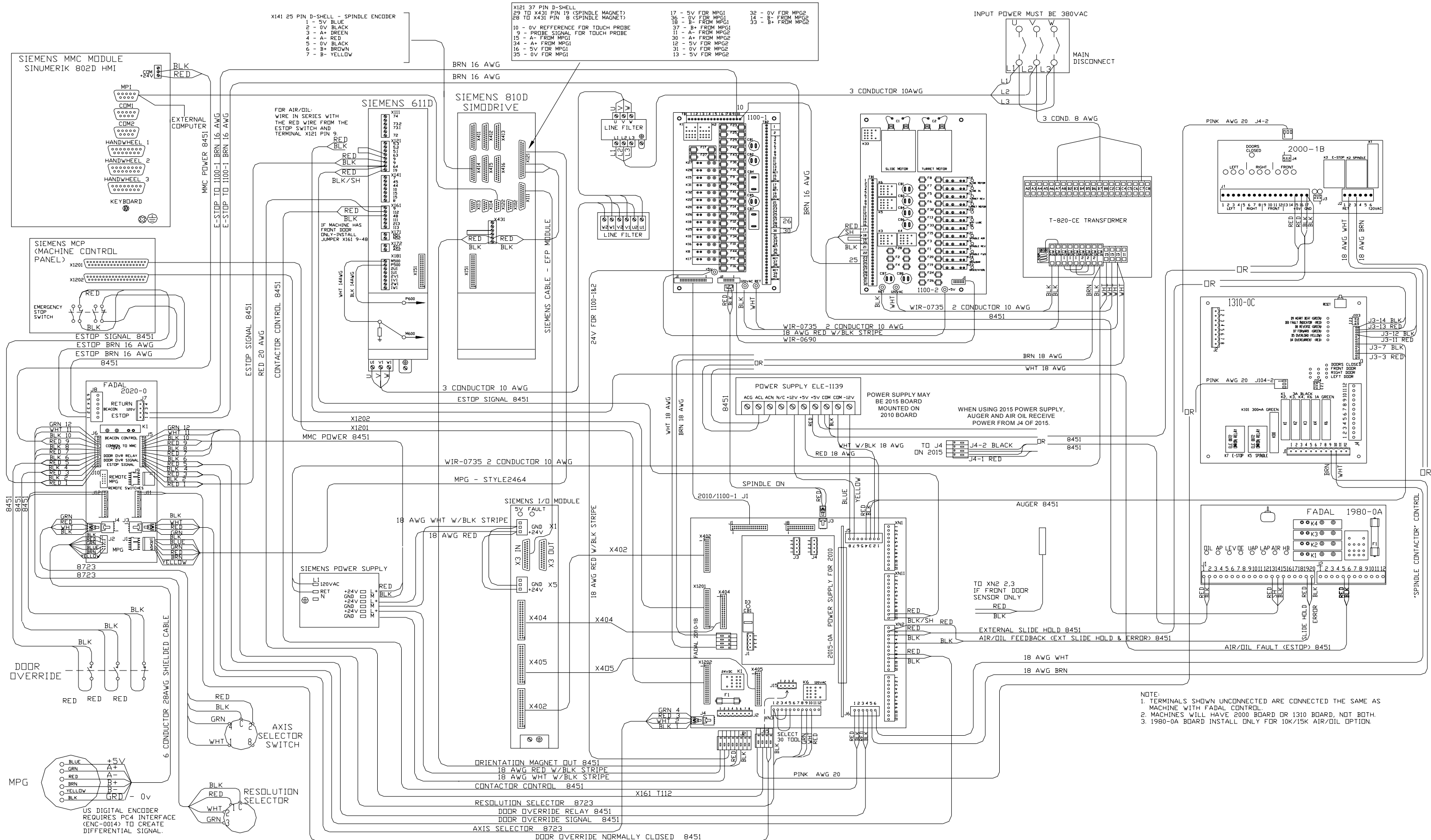


# **SECTION 8**

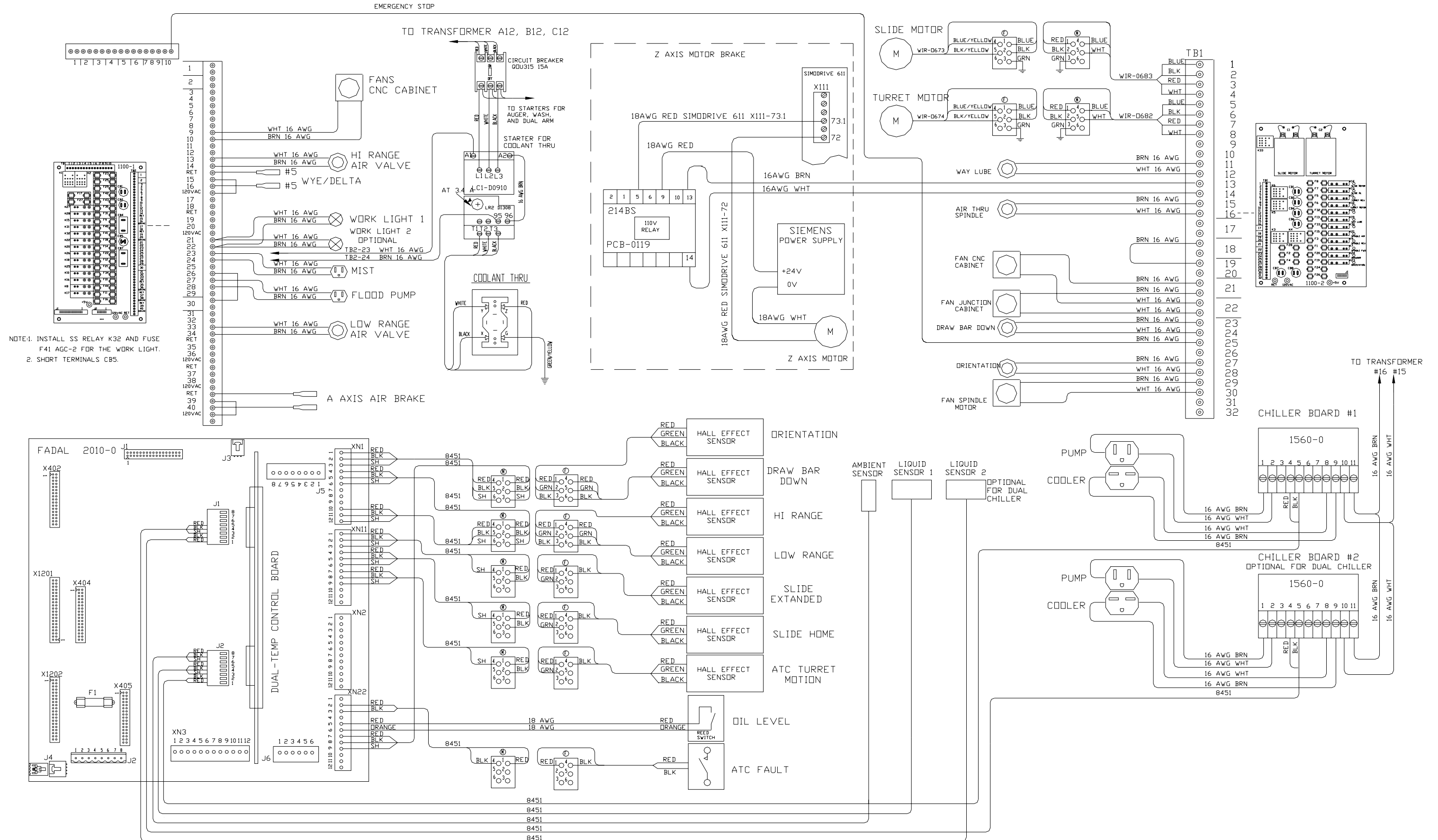
**Siemens**

**WRG\_0002H\_siemens\_control\_1of5**



**NOTE:**  
1. TERMINALS SHOWN UNCONNECTED ARE CONNECTED THE SAME AS MACHINE WITH FADAL CONTROL.  
2. MACHINES WILL HAVE 2000 BOARD OR 1310 BOARD, NOT BOTH.  
3. 1980-0A BOARD INSTALL ONLY FOR 10K/15K AIR/OIL OPTION.

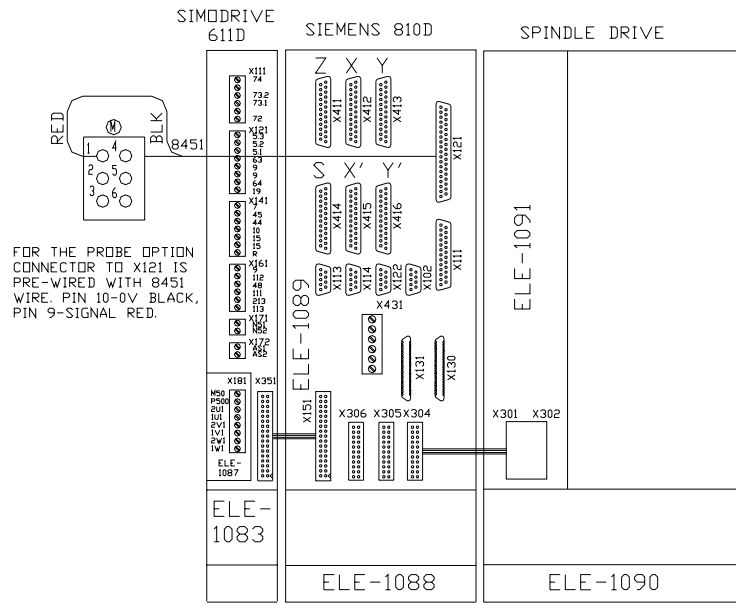
# WRG\_0002H\_siemens\_control\_2of5



# WRG\_0002H\_siemens\_control\_3of5

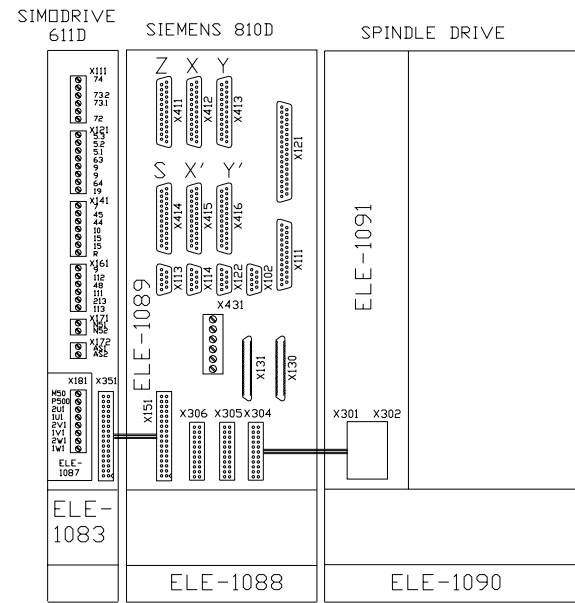
OPT-0186 VMC 3020  
OPT-0233 VMC 4525

① STANDARD (NO SCALE)



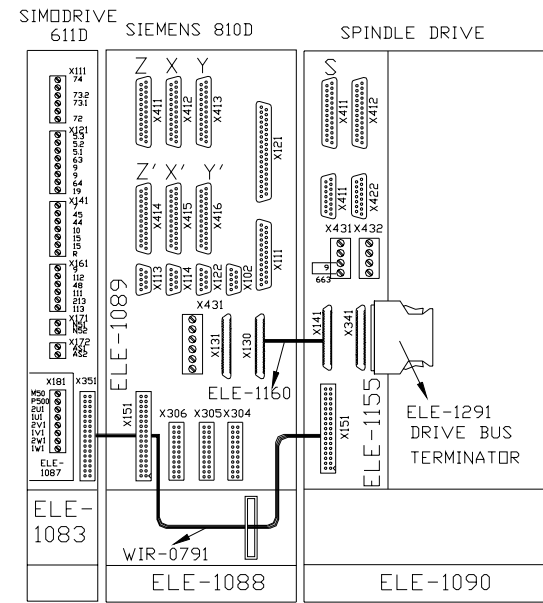
OPT- X, Y, SCALES FOR SIEMENS

② X, Y, SCALES FOR SIEMENS



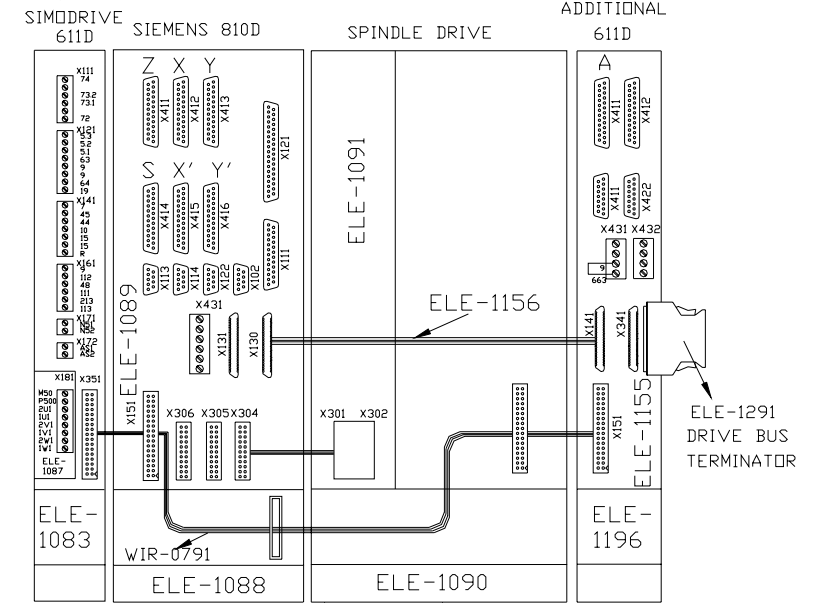
OPT-0197 X,Y,Z SCALES FOR SIEMENS

③ X,Y,Z SCALES FOR SIEMENS



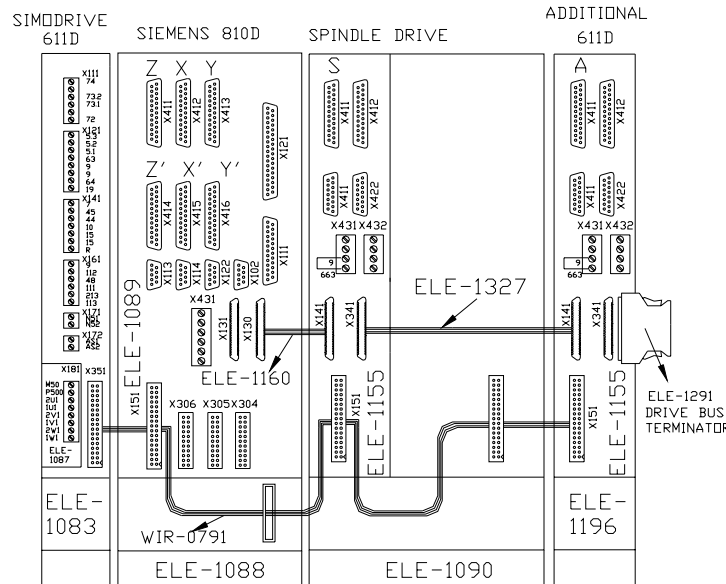
OPT-0199 A AXIS FOR SIEMENS

④ A AXIS FOR SIEMENS



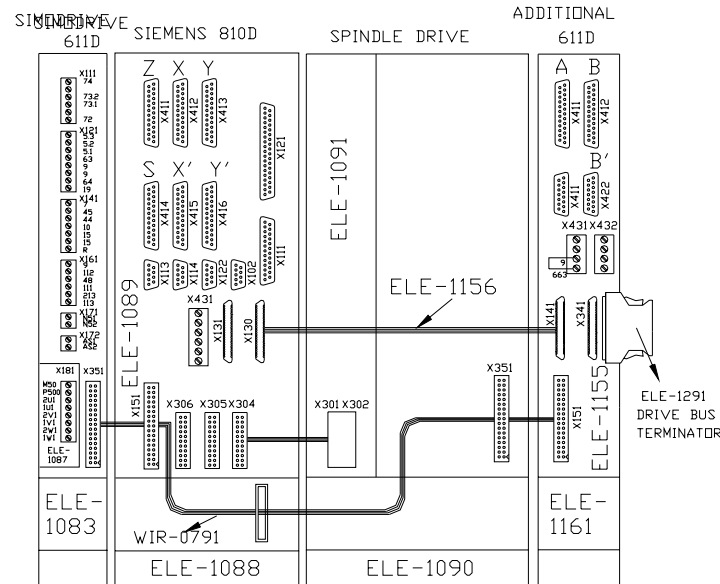
OPT-0197 & OPT-0199

⑤ A AXIS & X, Y, Z SCALE FOR SIEMENS



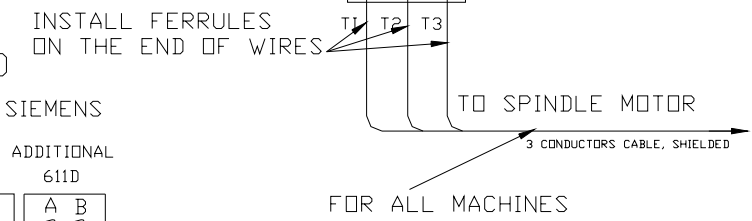
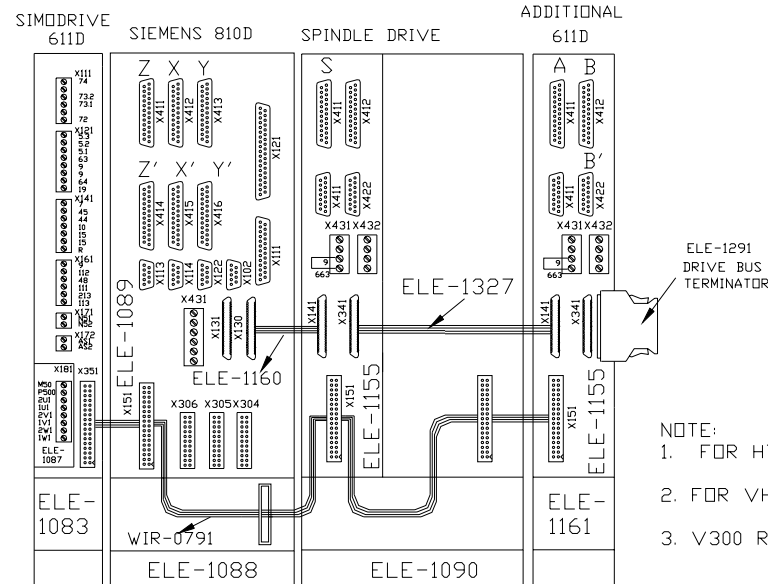
OPT-0200

⑥ A&B AXIS FOR SIEMENS



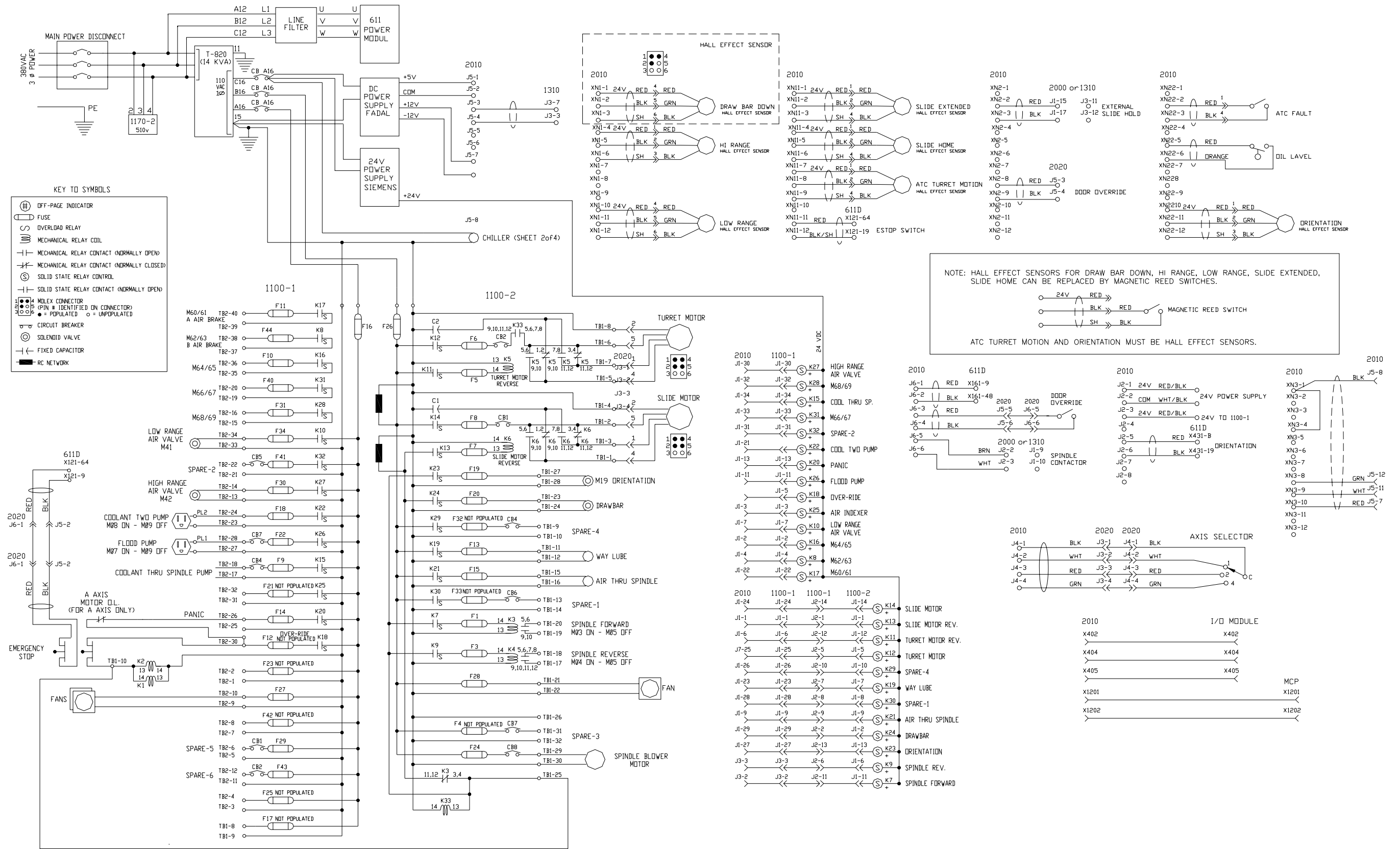
OPT-0197 & OPT-0200

⑦ A/B AXIS & X, Y, Z SCALE FOR SIEMENS

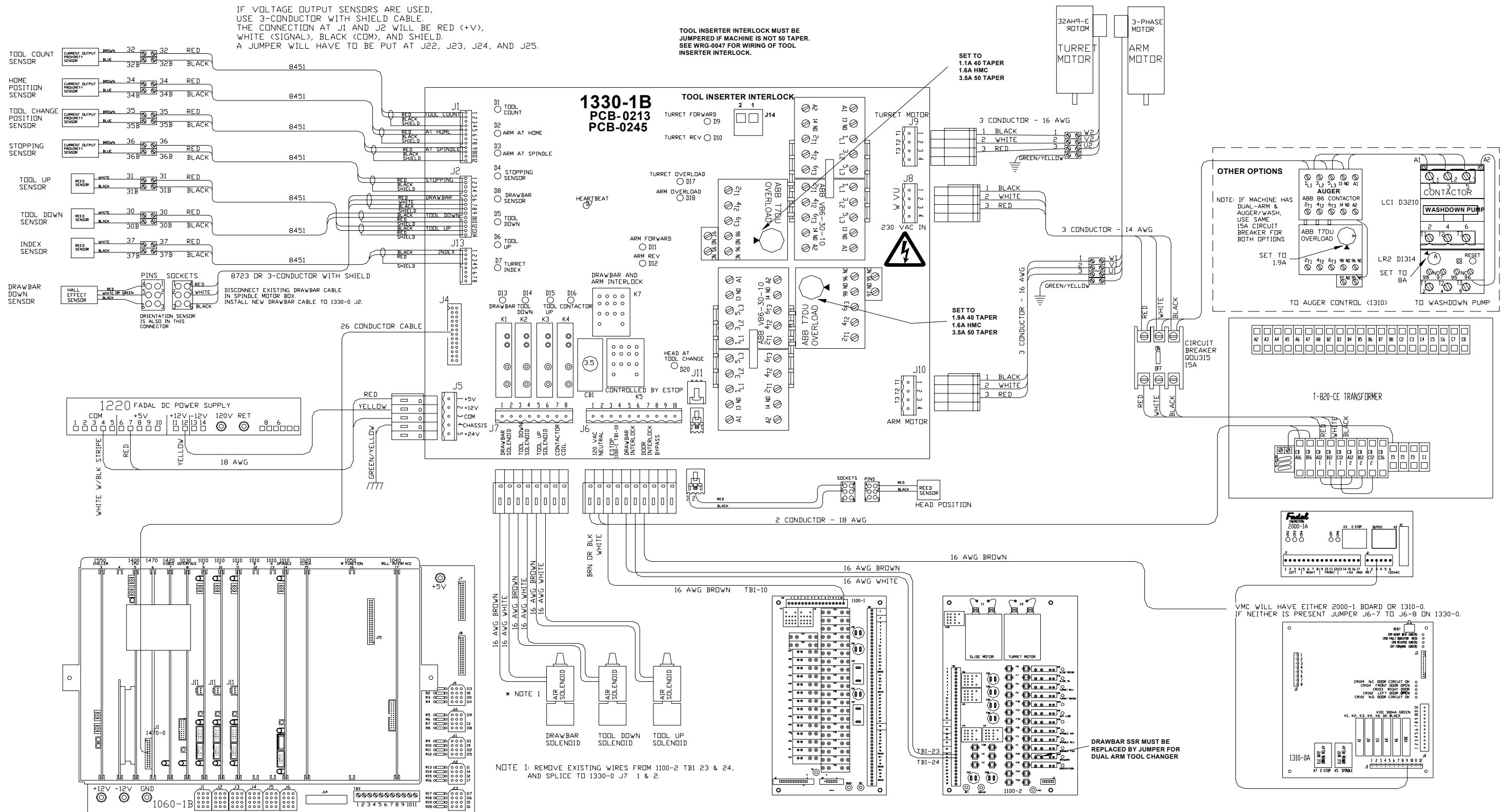


- NOTE:
- FOR HT - USE I/R MODULE SIMODRIVE 611D (16KW) ELE-1083, SPINDLE DRIVE 45 AMP ELE-1090
  - FOR VHT - USE U/E MODULE SIMODRIVE 611D (28KW) ELE-1165, SPINDLE DRIVE 60 AMP ELE-1164
  - V300 ROTARY TABLE - USE ELE-1242 CONTROL MODULE.

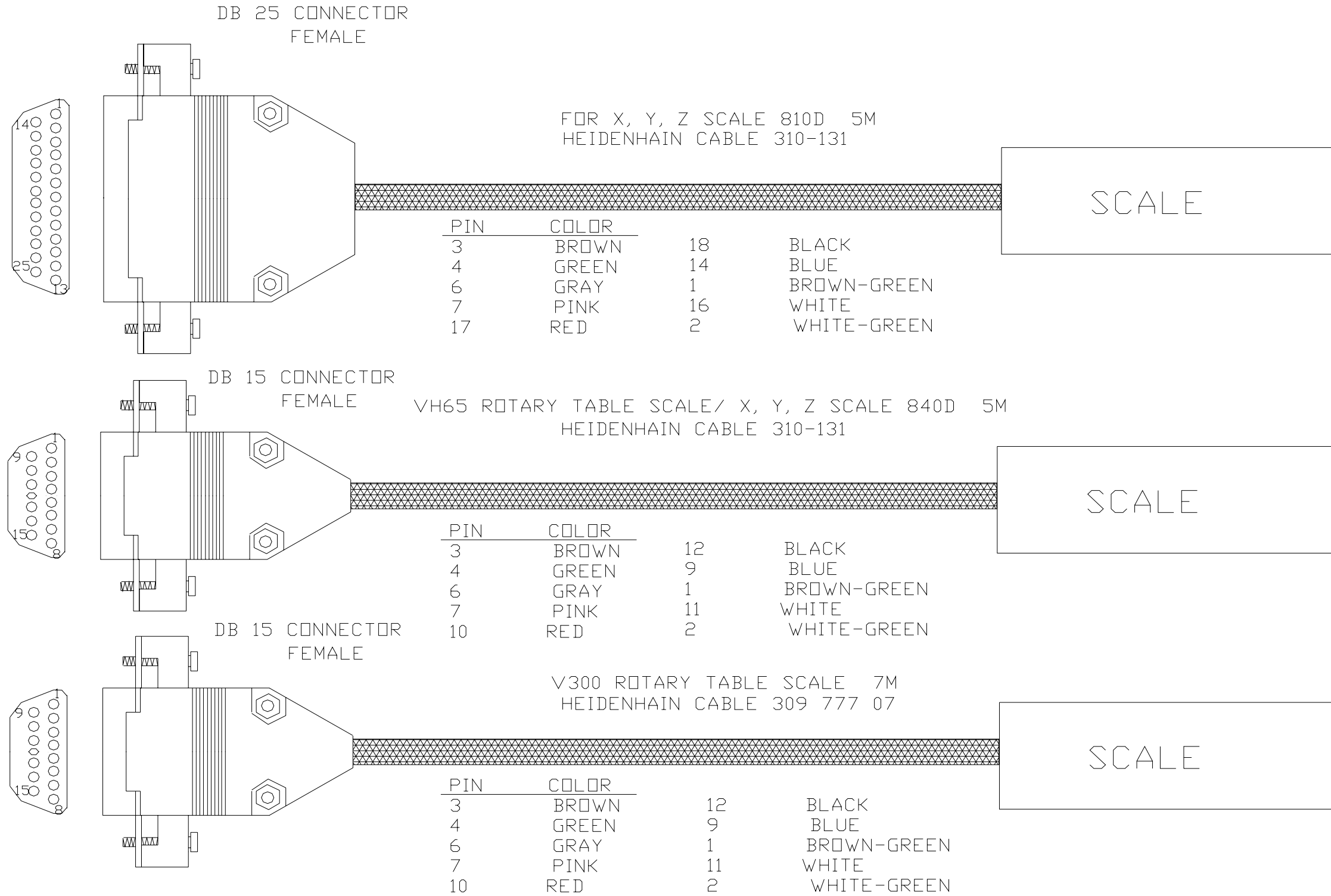
# WRG\_0002H\_siemens\_control\_4of5\_electrical



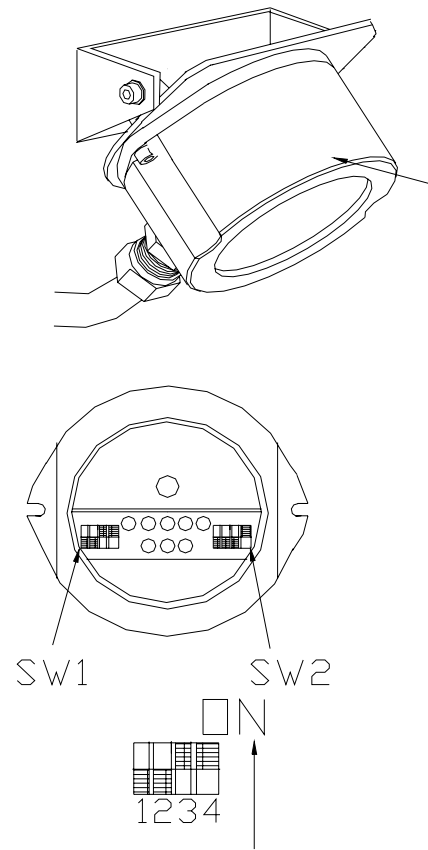
# WRG\_0001K\_Dual\_Arm\_Tool\_Changer\_1330-1



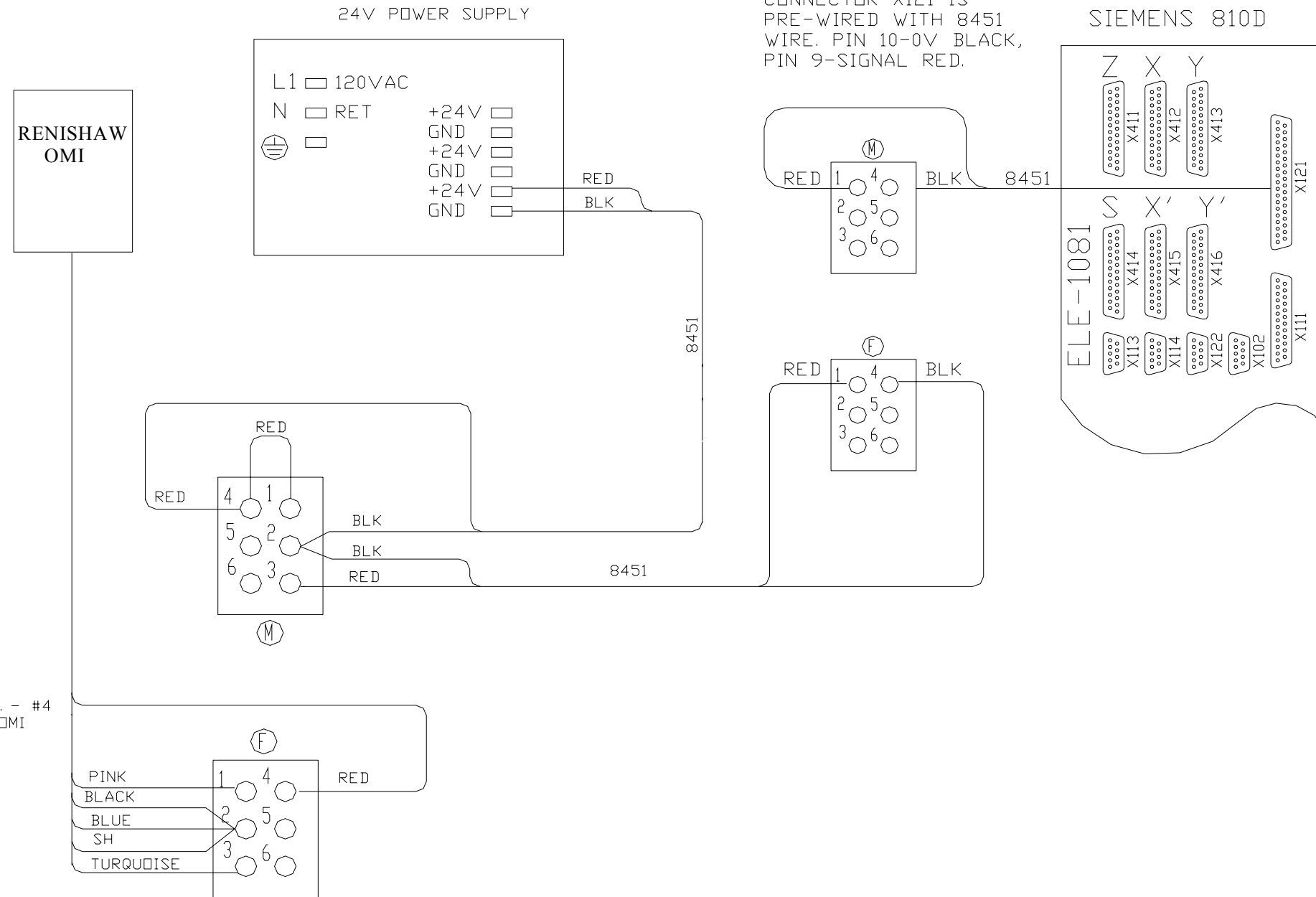
# Wir\_0019C\_scale\_cable\_siemens



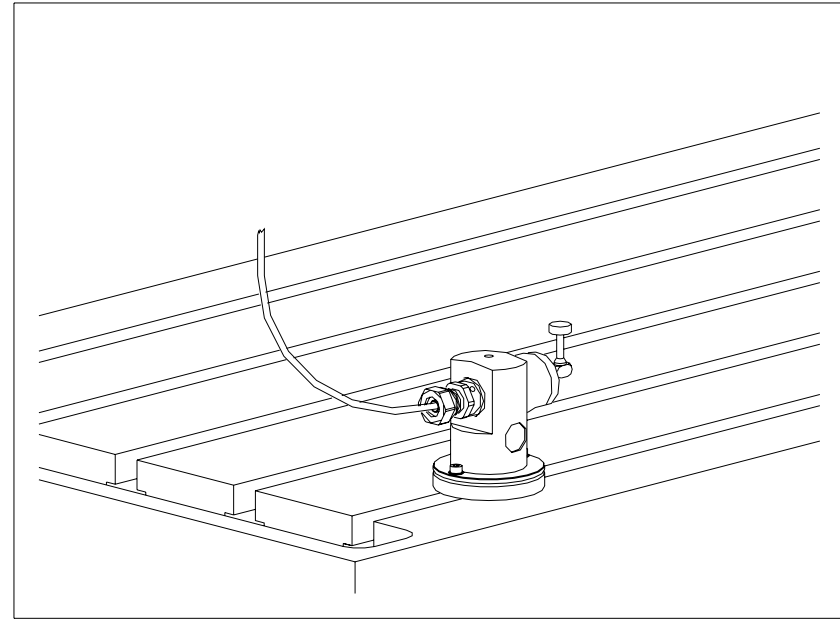
NOTE: OUTER SHIELD CONNECTED  
TO CONNECTOR HOUSING  
FOR ALL CABLES



NOTE: SET SW1 TO AUTO START POSITION. - #4 TO GAIN ACCESS TO SW1 REMOVE OMI WINDOW AND LABEL.

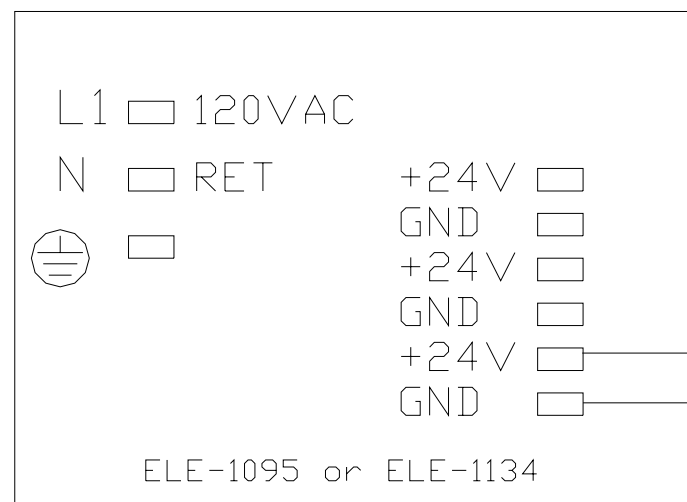
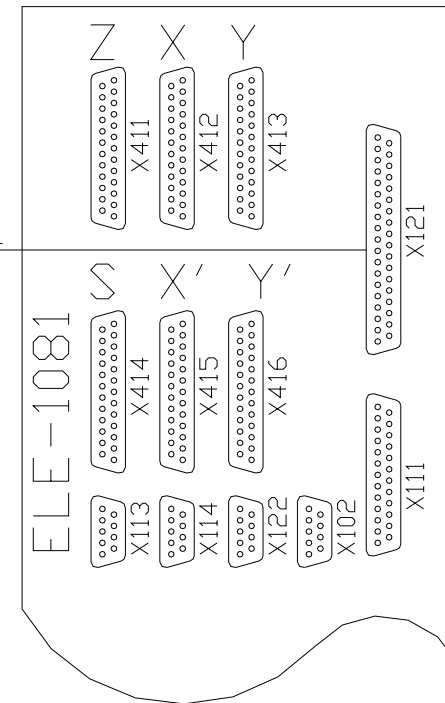
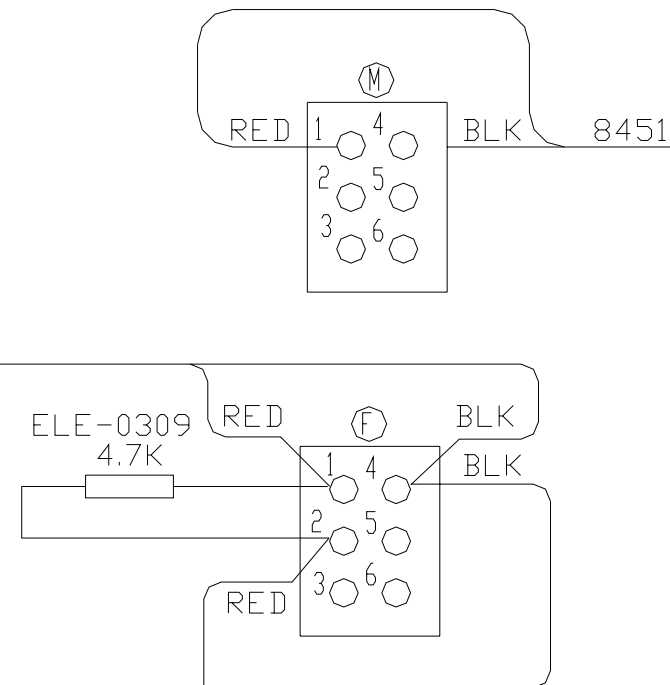




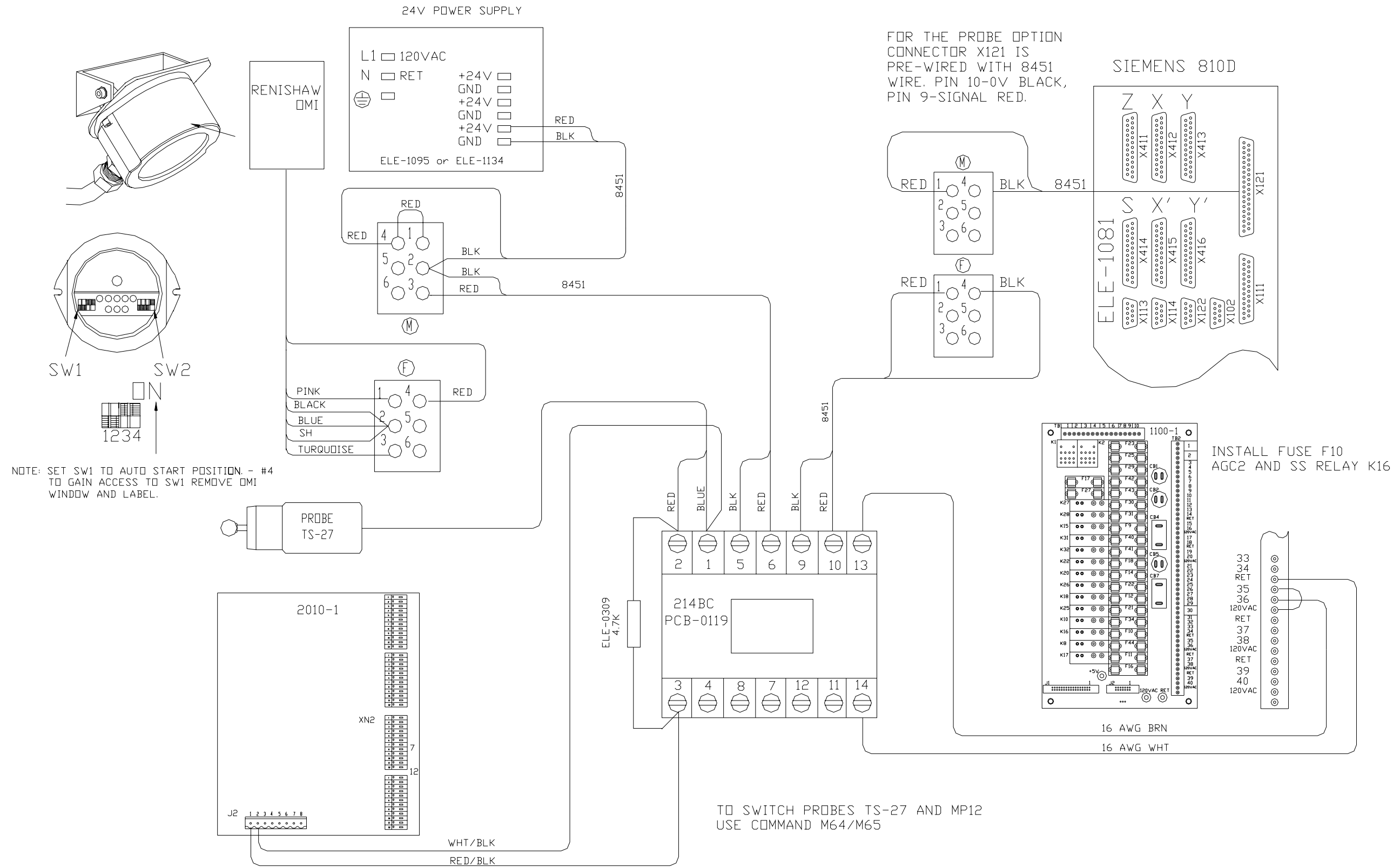


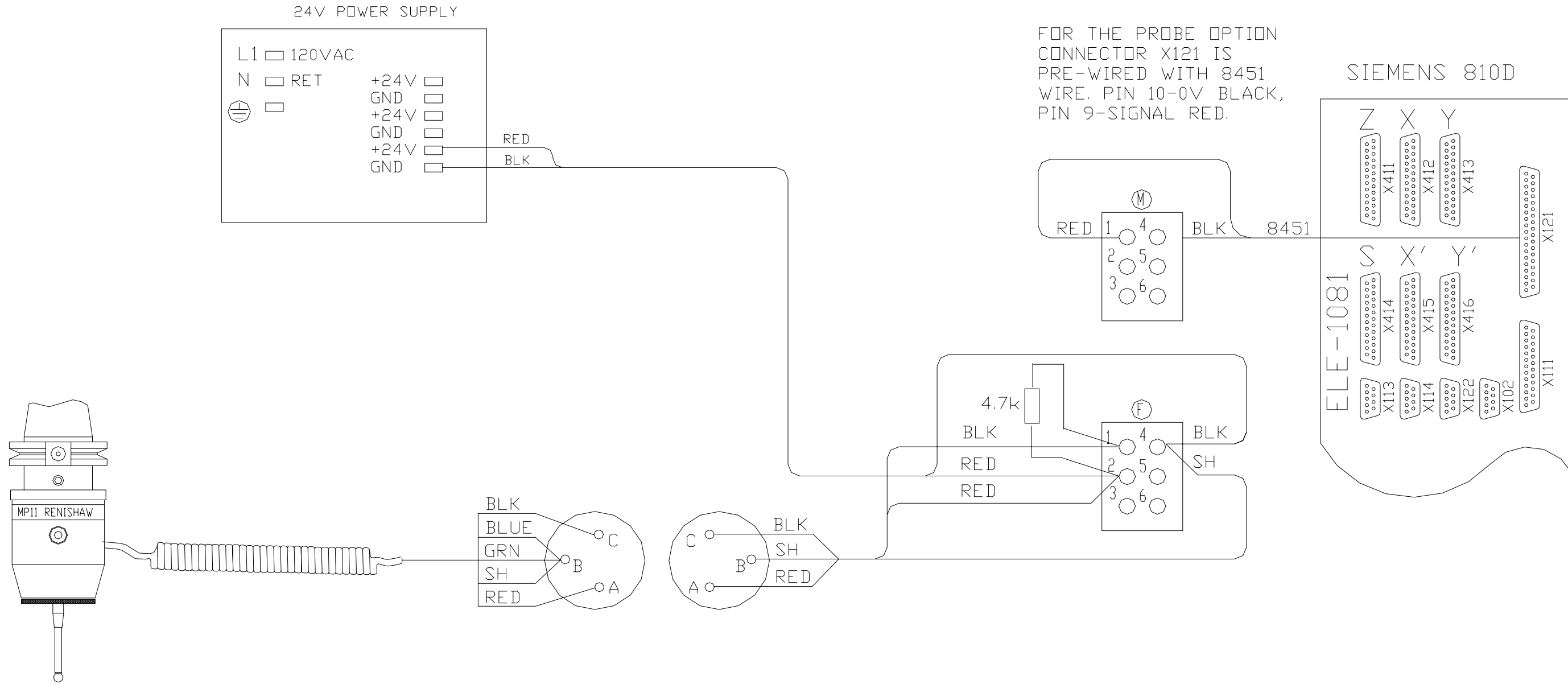
FOR THE PROBE OPTION  
CONNECTOR X121 IS  
PRE-WIRED WITH 8451  
WIRE. PIN 10-0V BLACK,  
PIN 9-SIGNAL RED.

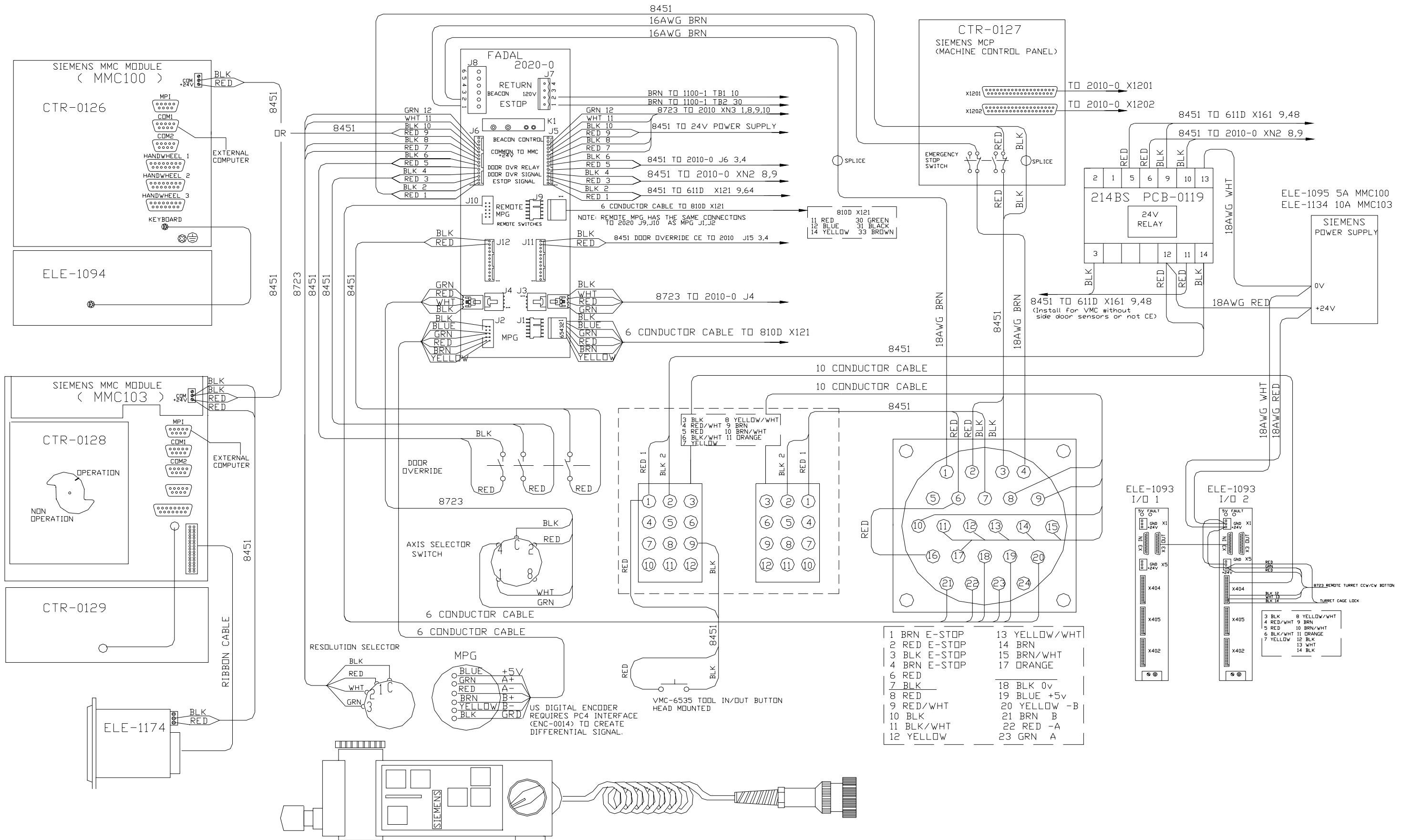
SIEMENS 810D



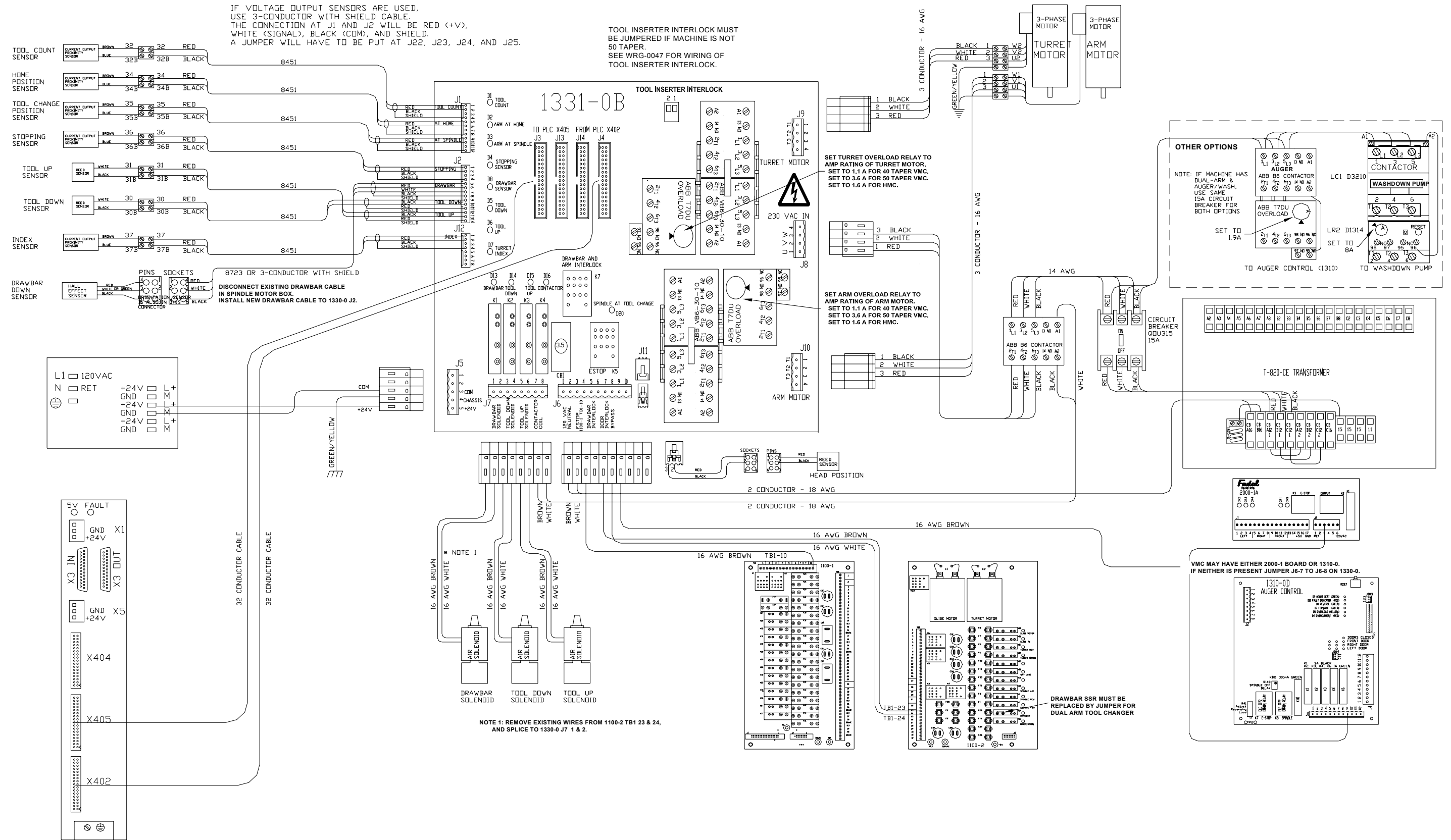
# Wrg\_0036D\_mp12\_ts27\_combo\_siemens



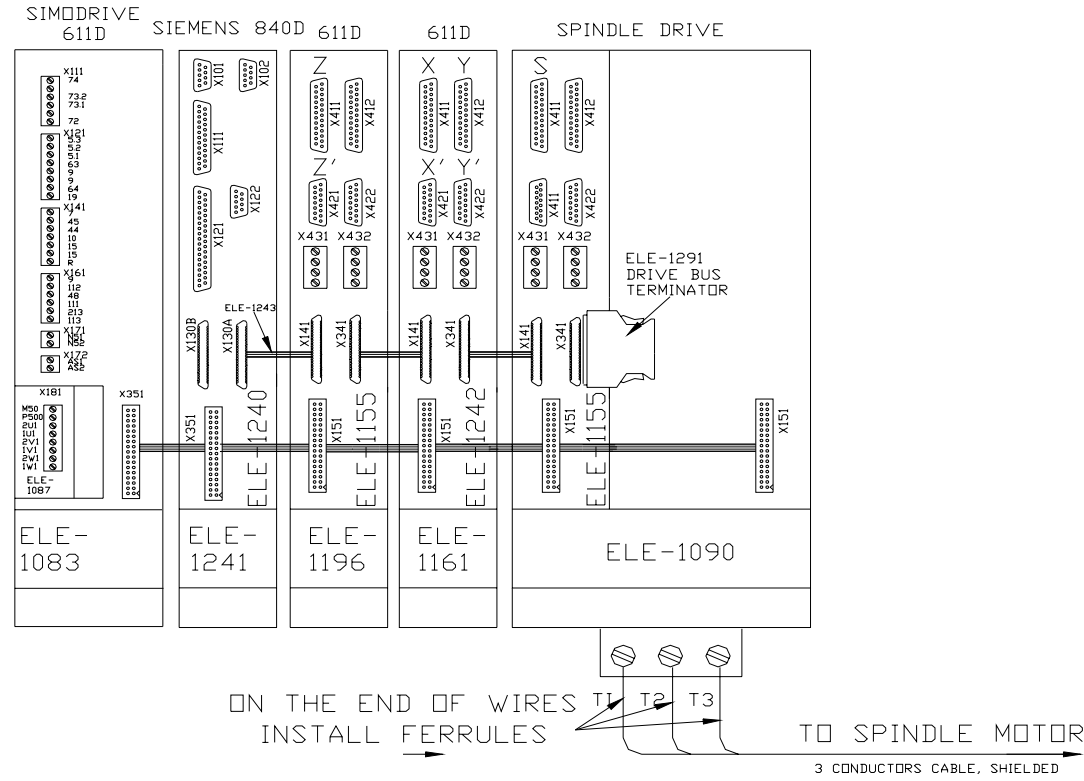




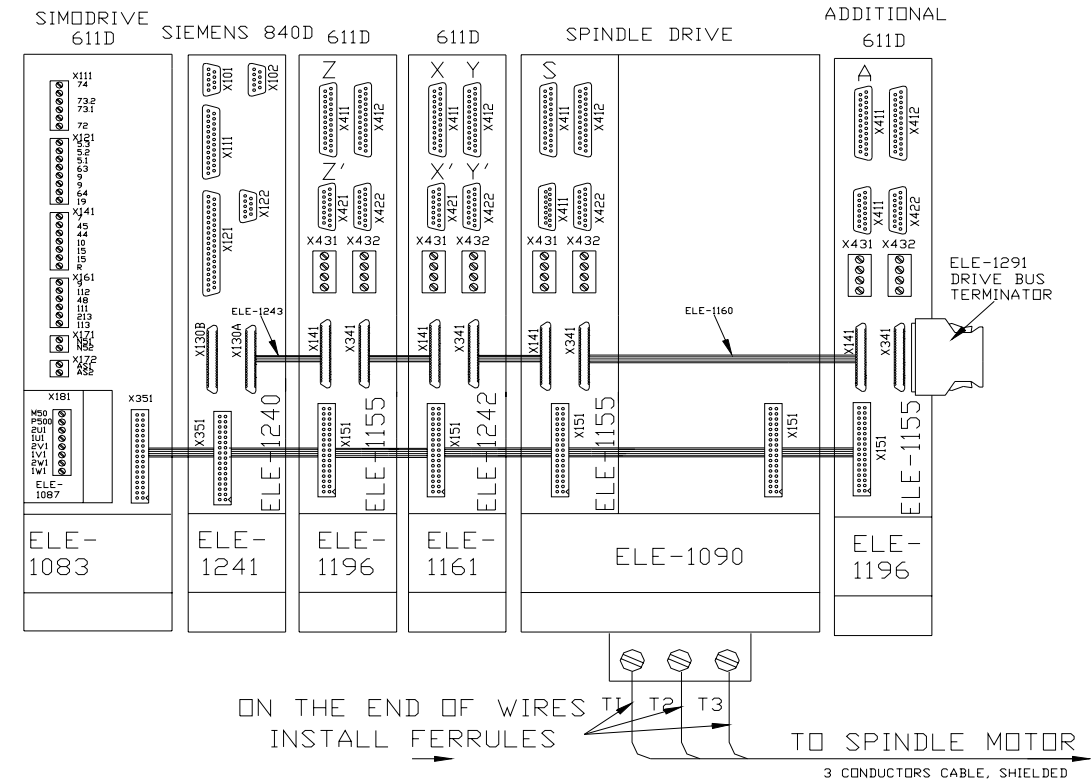
# WRG\_0060A\_Dual\_Arm\_Tool\_Changer\_Siemens



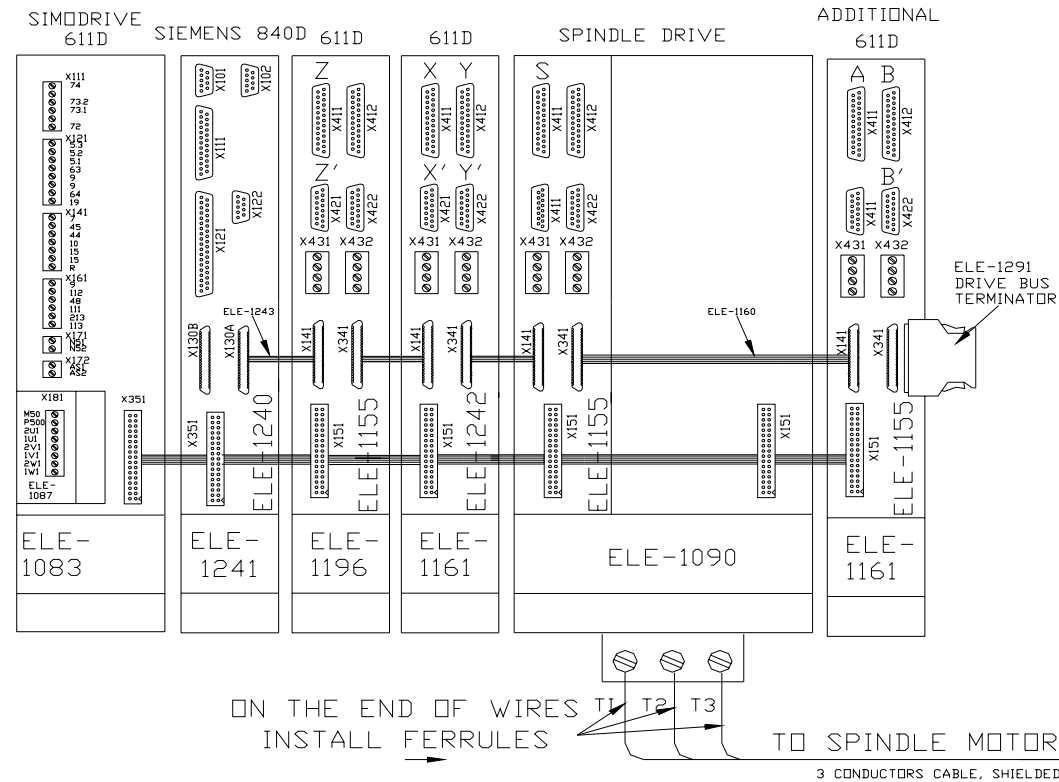
OPT-0266  
STANDARD (X, Y, Z SCALE IF REQUIRE)



OPT-0267  
A AXIS (X, Y, Z SCALE IF REQUIRE)



OPT-0268  
A&B AXIS (X, Y, Z SCALE IF REQUIRE)



- NOTE: 1. X-X AXIS FEEDBACK  
Y-Y AXIS FEEDBACK  
Z-Z AXIS FEEDBACK  
S-SPINDLE FEEDBACK  
X'-X AXIS SCALE  
Y'-Y AXIS SCALE  
Z'-Z AXIS SCALE  
A-A AXIS FEEDBACK  
B-B AXIS FEEDBACK  
B'-B' AXIS SCALE

2. FOR V300 ROTARY TABLE USE ELE-1242 CONTROL MODULE

# WRG\_0039B\_siemens\_840D\_2of2

