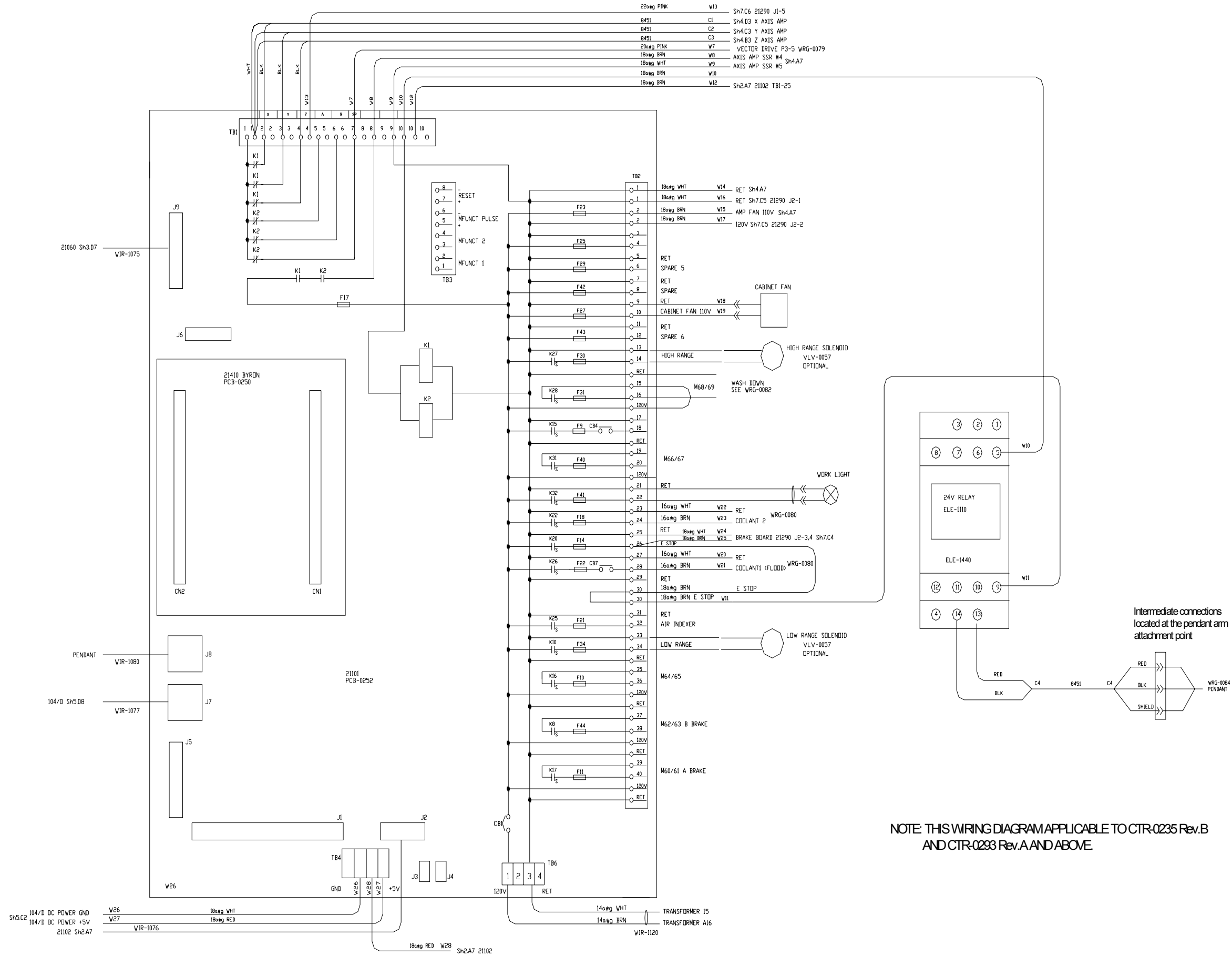
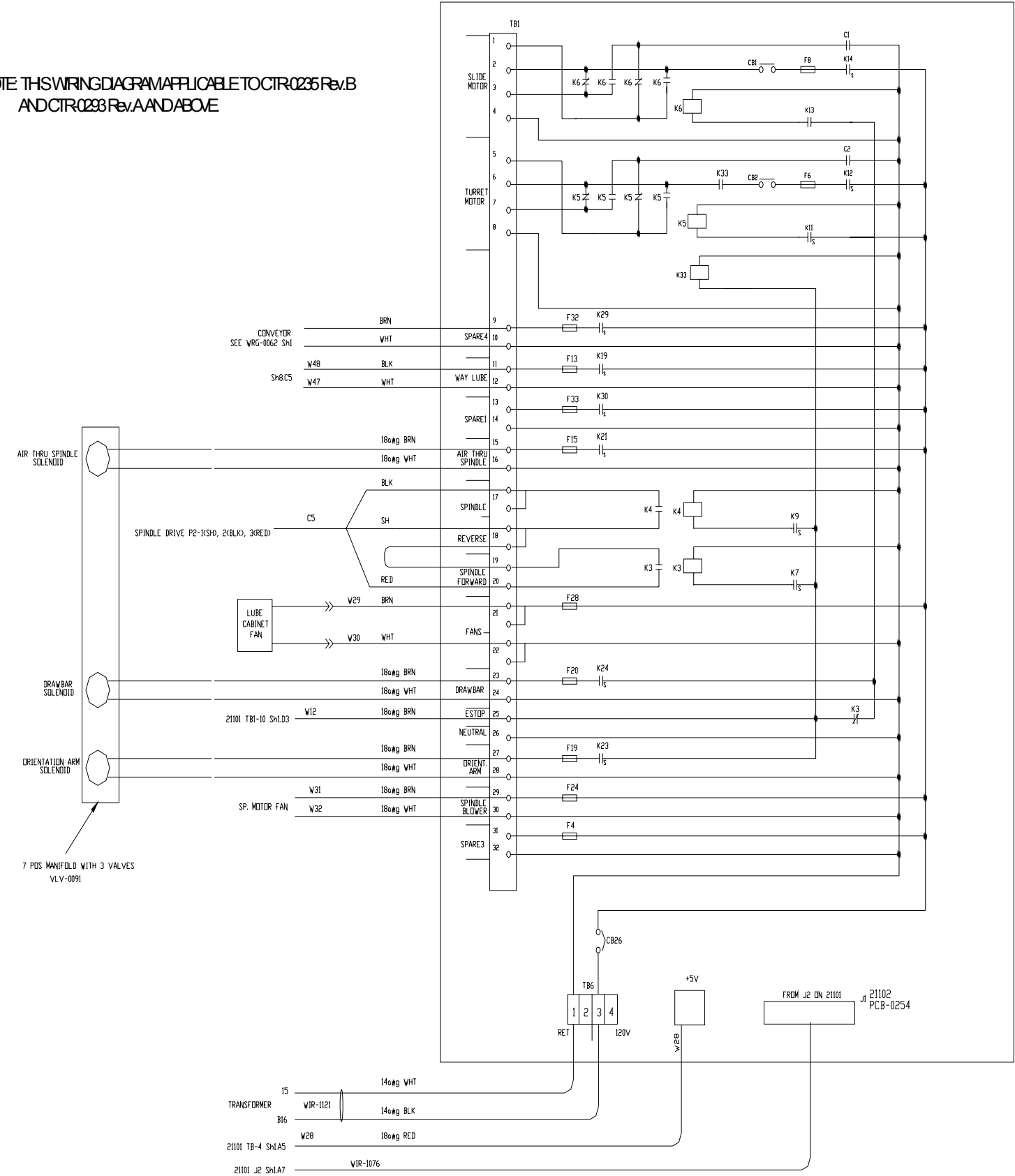


SECTION 15

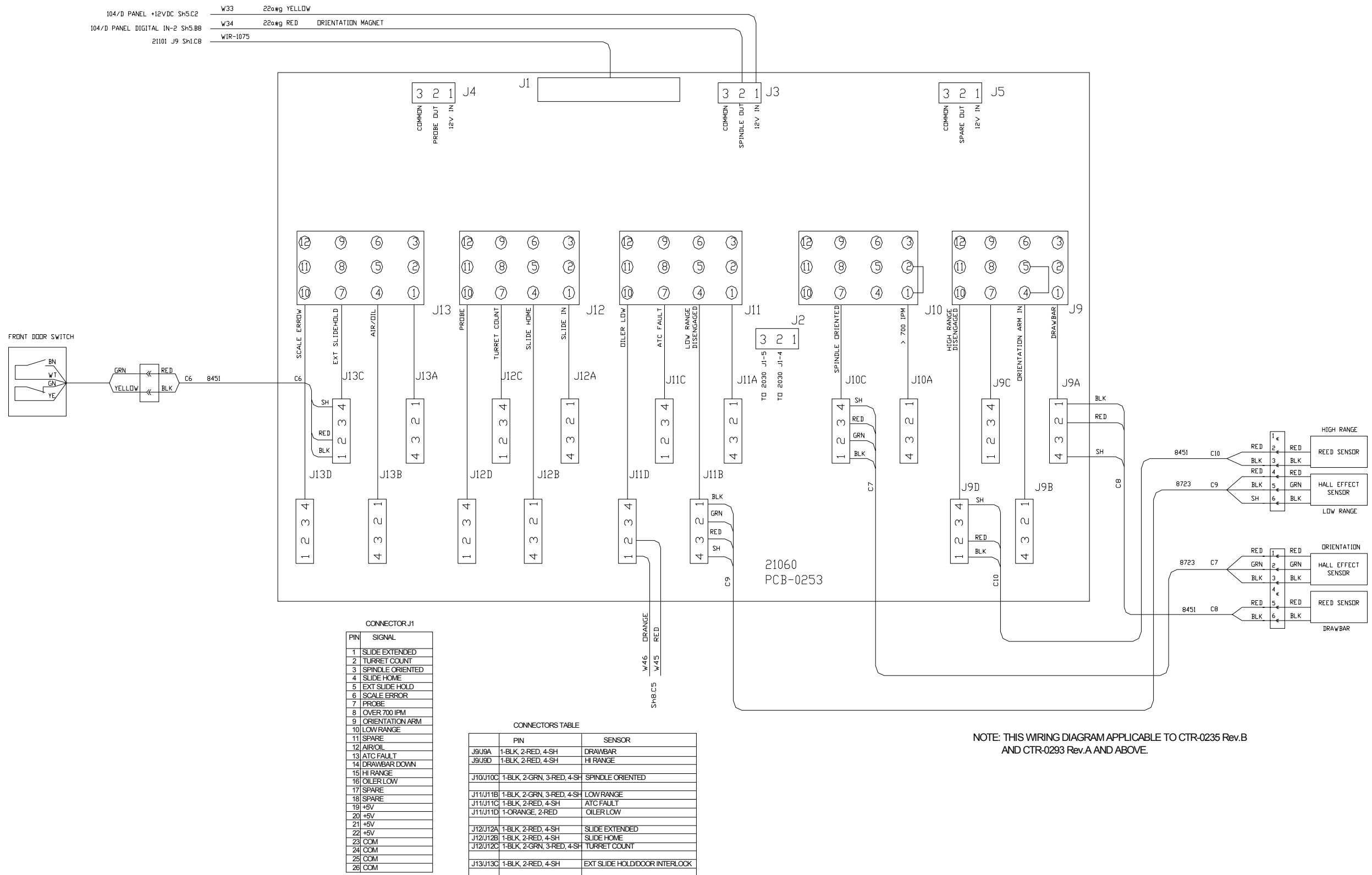
Wrg_0089B_01of08_104d_21101_std1



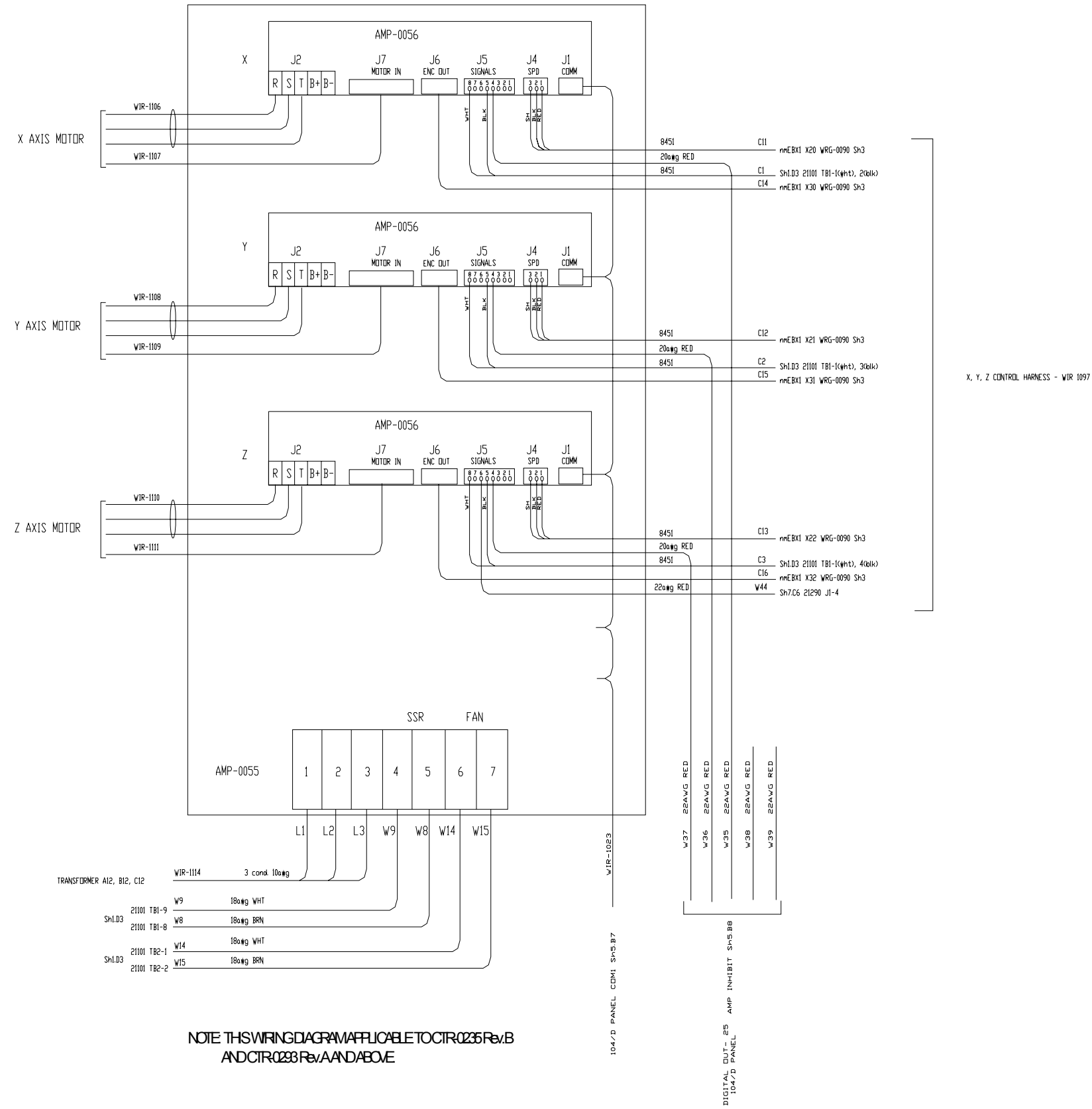
NOTE THIS WIRING DIAGRAM APPLICABLE TO CTR0235 Rev.B
AND CTR0293 Rev.A AND ABOVE



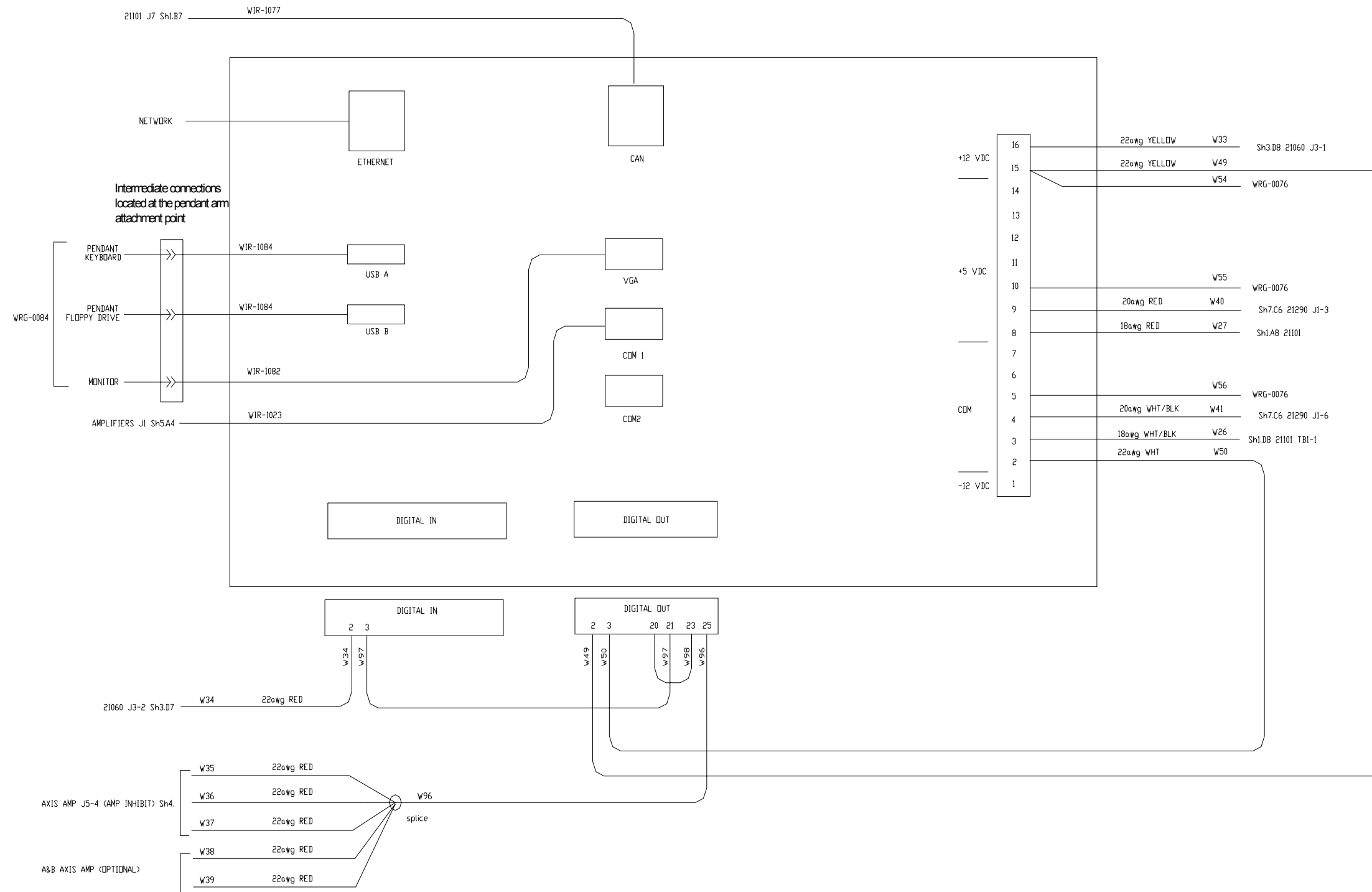
Wrg_0089B_03of08_104d_21060_std1



Wrg_0089B_04of08_104d_amp_std1



Wrg_0089B_05of08_104d_box_panel_std



NOTE: THIS WIRING DIAGRAM APPLICABLE TO CTR-0235 Rev.B AND CTR-0293 Rev.A AND ABOVE.

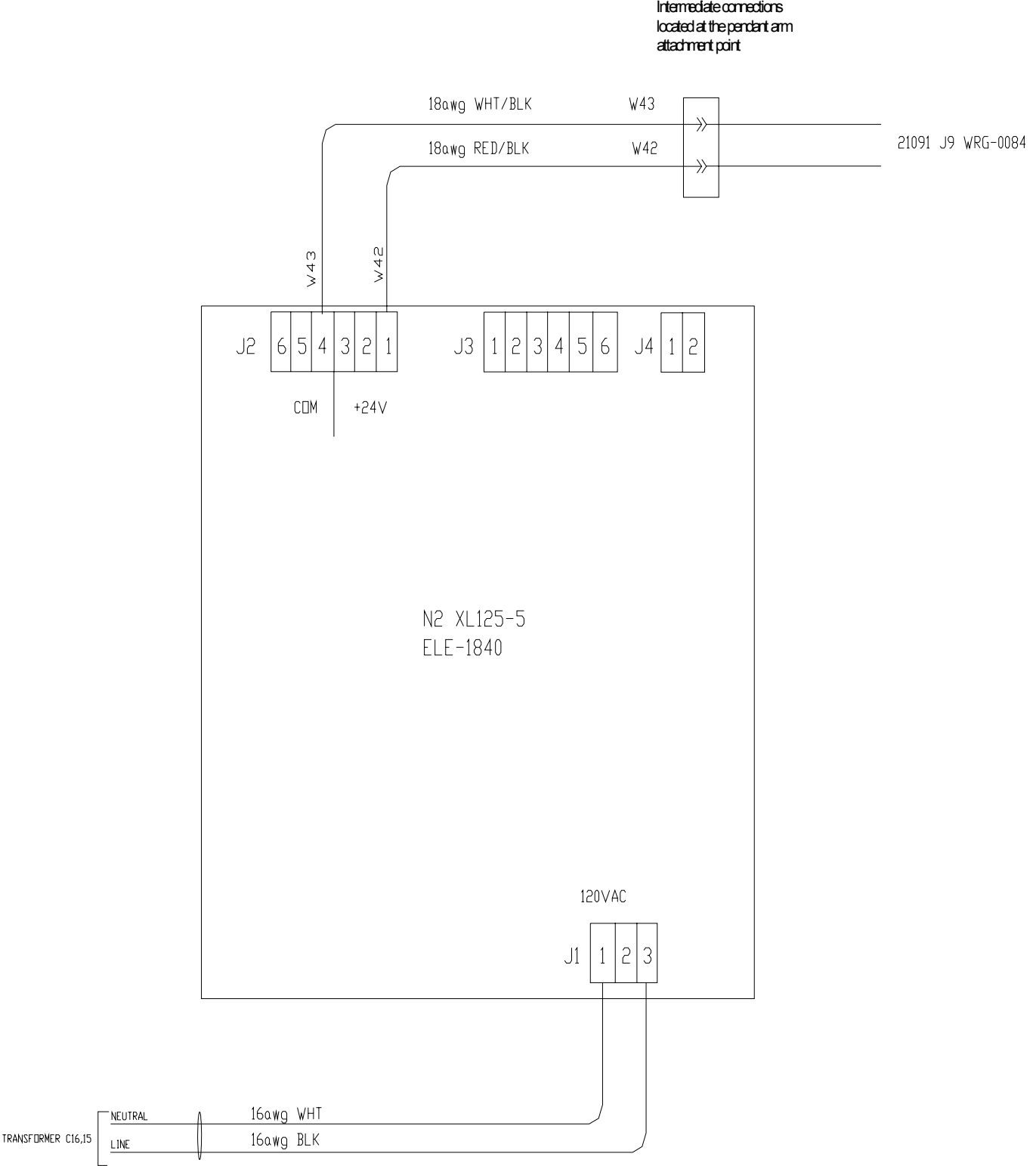
DIGITAL OUT PLUG

PIN	
2	TO POWER CONNECTOR +12V
3	TO POWER CONNECTOR 0V
20	JUMPER TO 23 +12V
21	TO DIGITAL IN 3 0V
25	TO AMP INHIBIT

DIGITAL IN PLUG

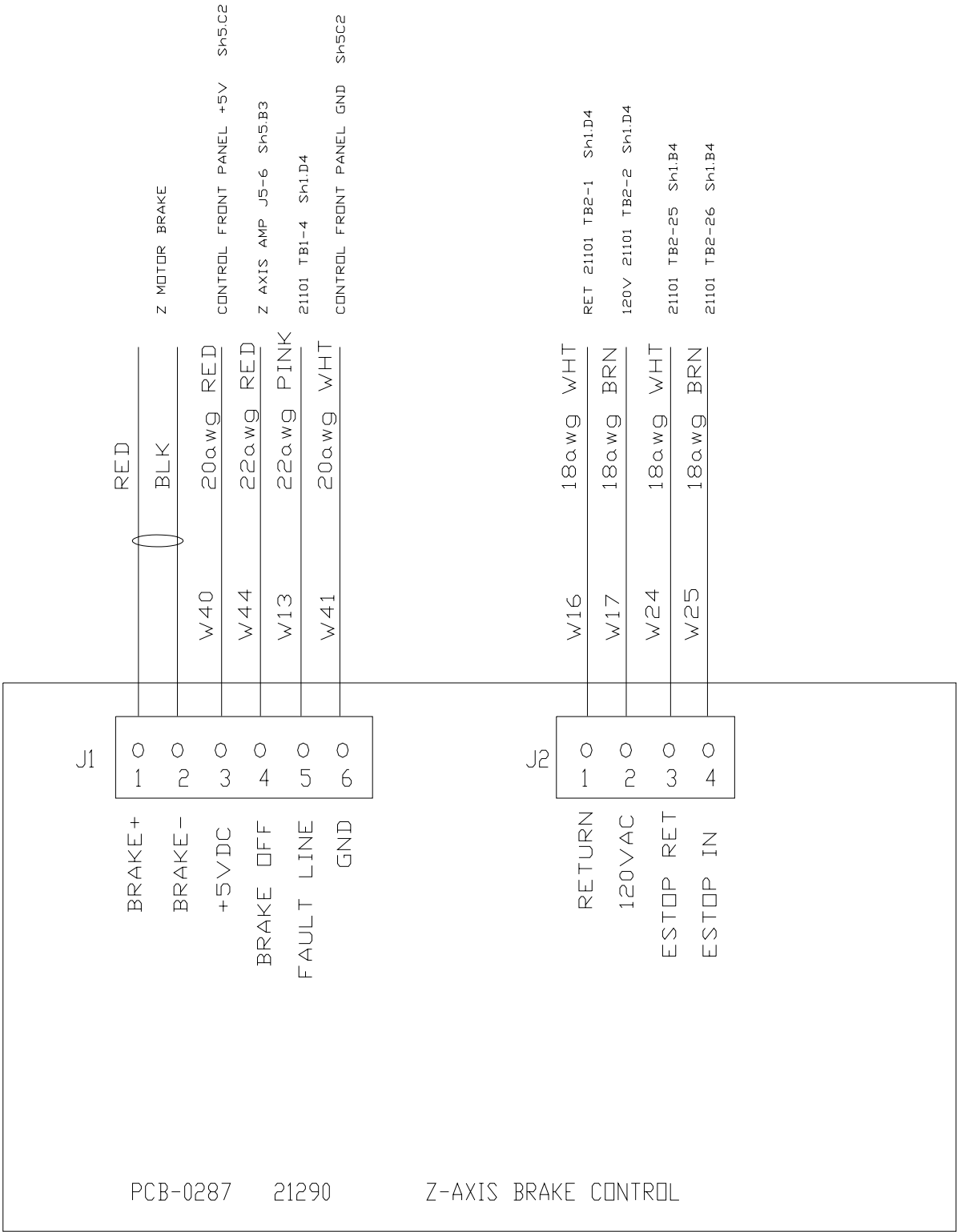
PIN	
2	TO 21060.J3-2 (ORIENTATION MAGNET)
3	TO DIGITAL OUT 21, 0V
4	FRICEE1
6	FRICEE2

Wrg_0089B_06of08_104d_24vdc_power_supply_std1



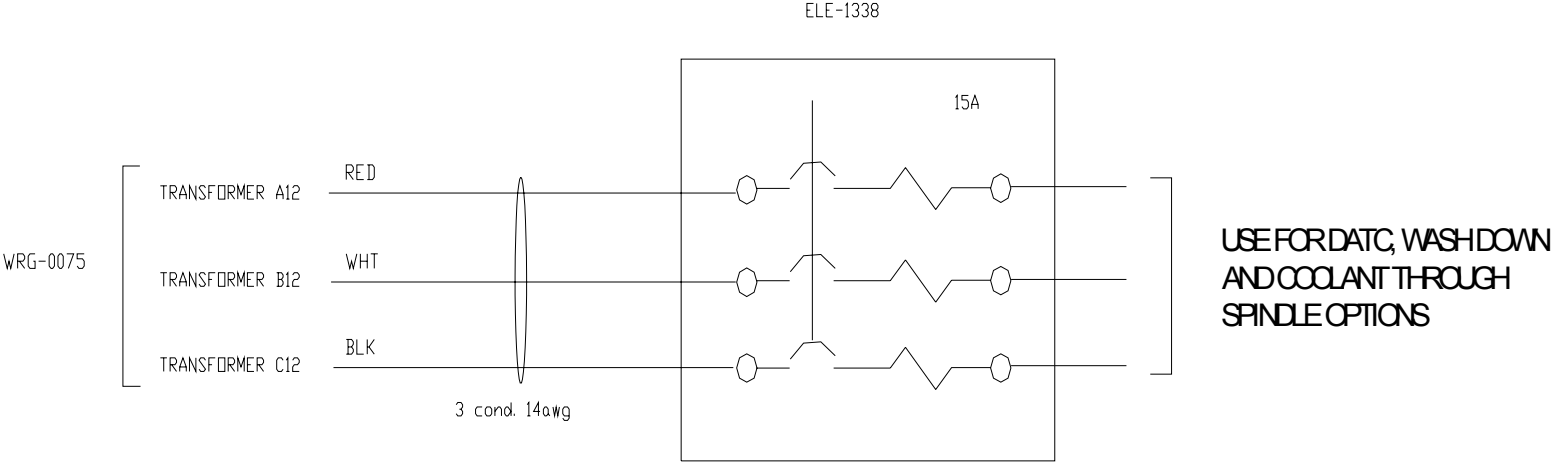
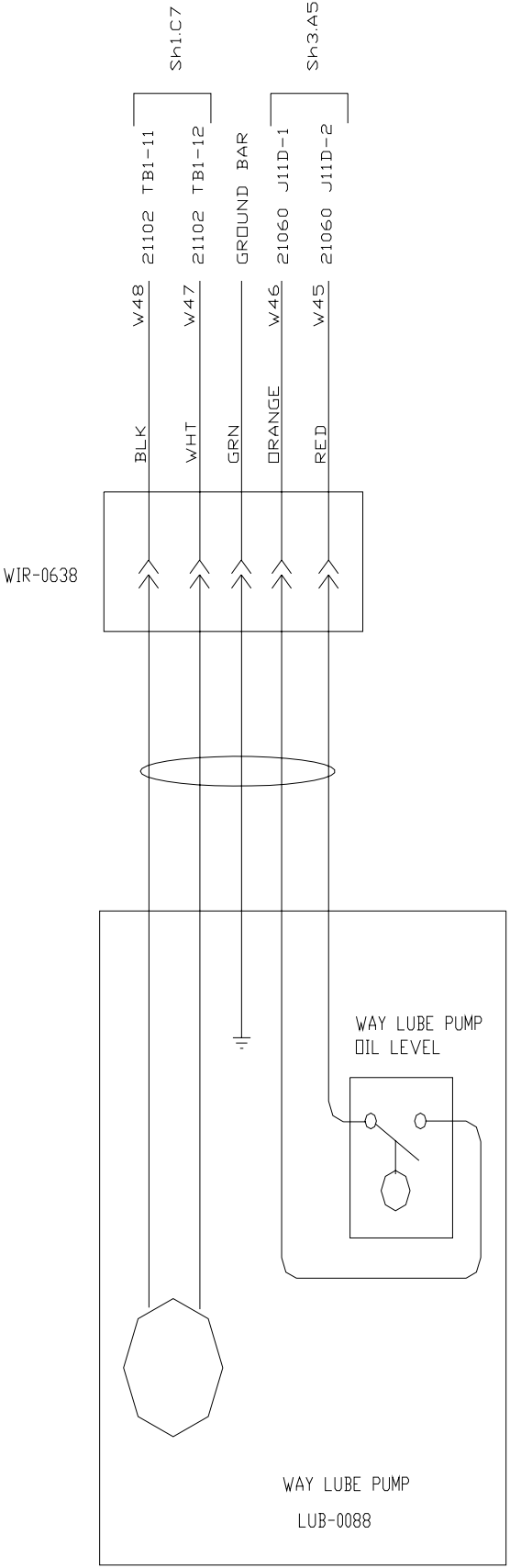
NOTE THIS WIRING DIAGRAM APPLICABLE TO CTR-0235 Rev.B AND CTR-0233 Rev.A AND ABOVE

Wrg_0089B_07of08_104d_21290_brake_board_std1



NOTE: THIS WIRING DIAGRAM APPLICABLE TO CTR-0235 Rev.B AND CTR-0293 Rev.A AND ABOVE

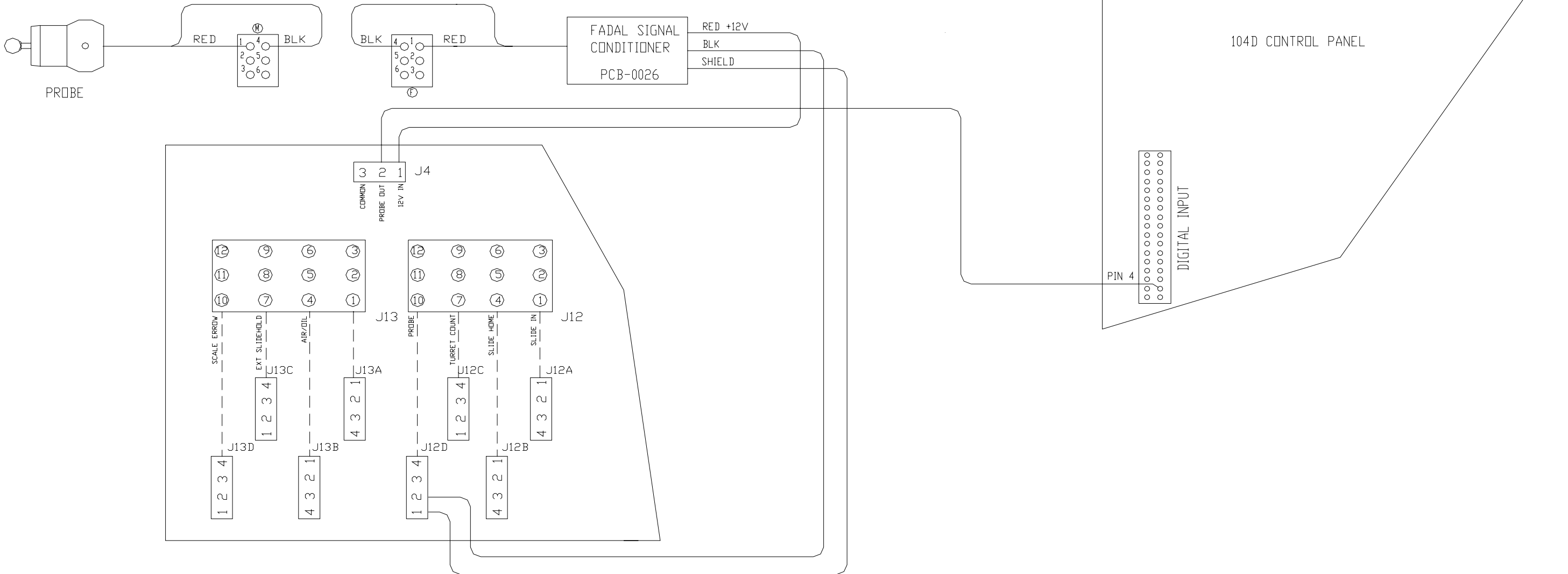
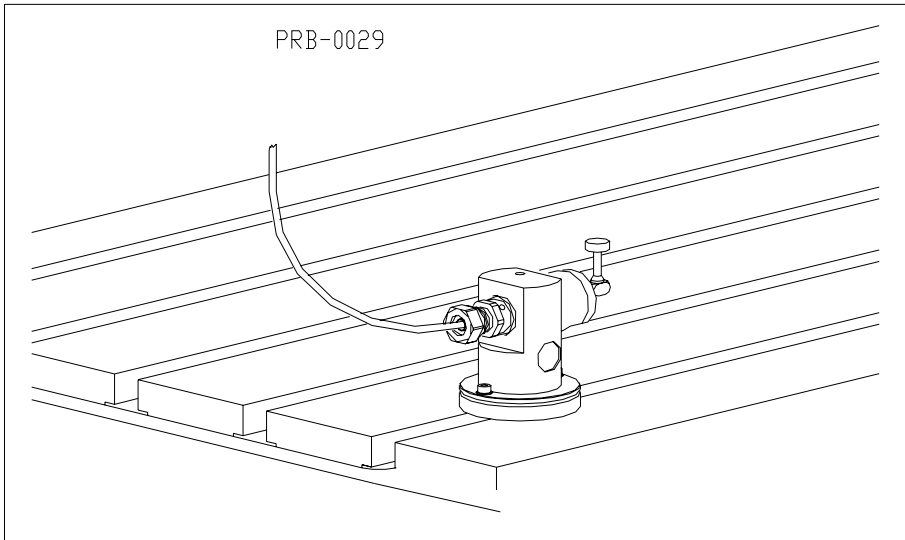
Wrg_0089B_08of08_104D_lube_pump_std1



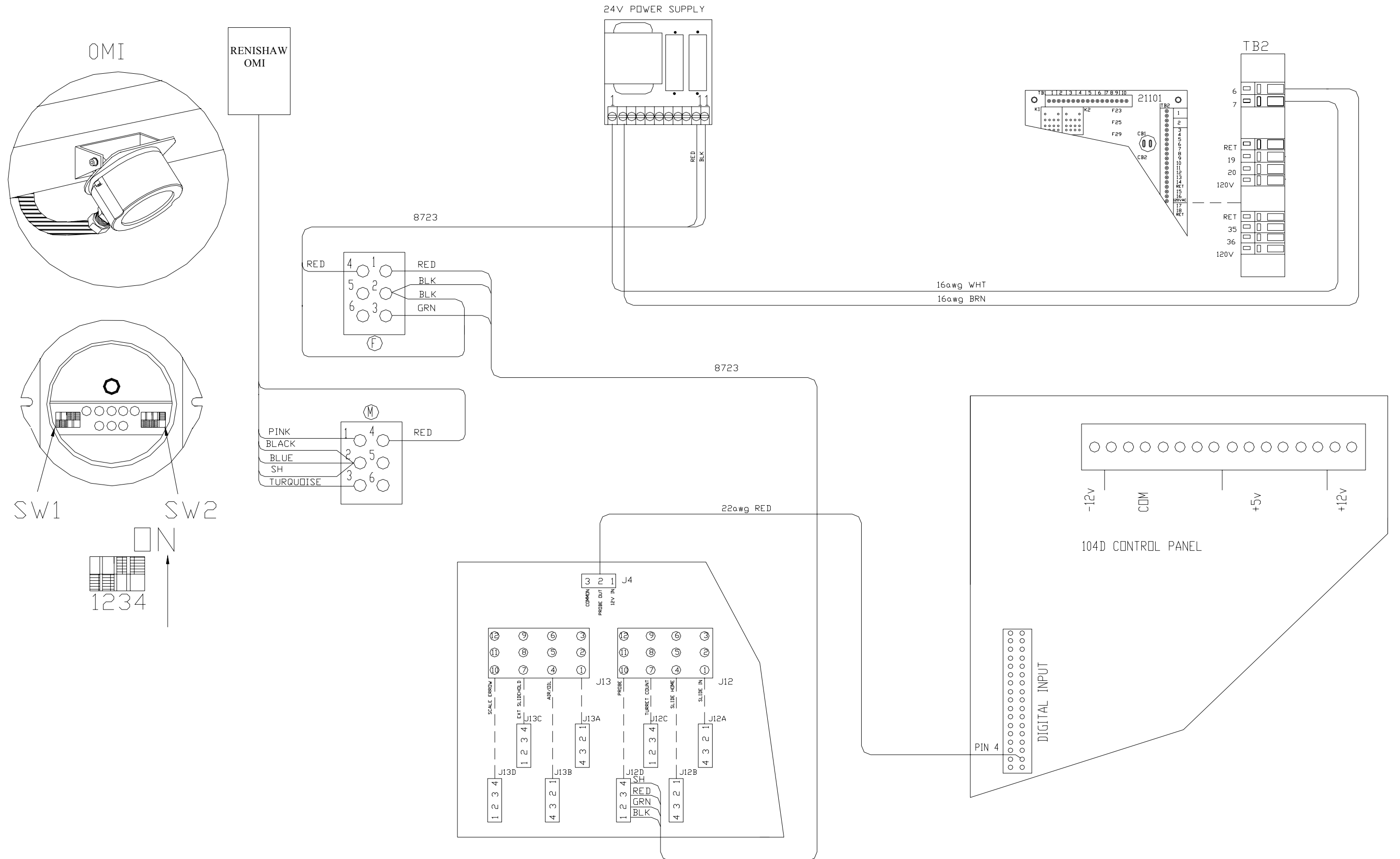
NOTE THIS WIRING DIAGRAM APPLICABLE TO CTR-0235 Rev.B AND CTR-0293 Rev.A AND ABOVE.

Wrg_0109_104d_ts27_probe

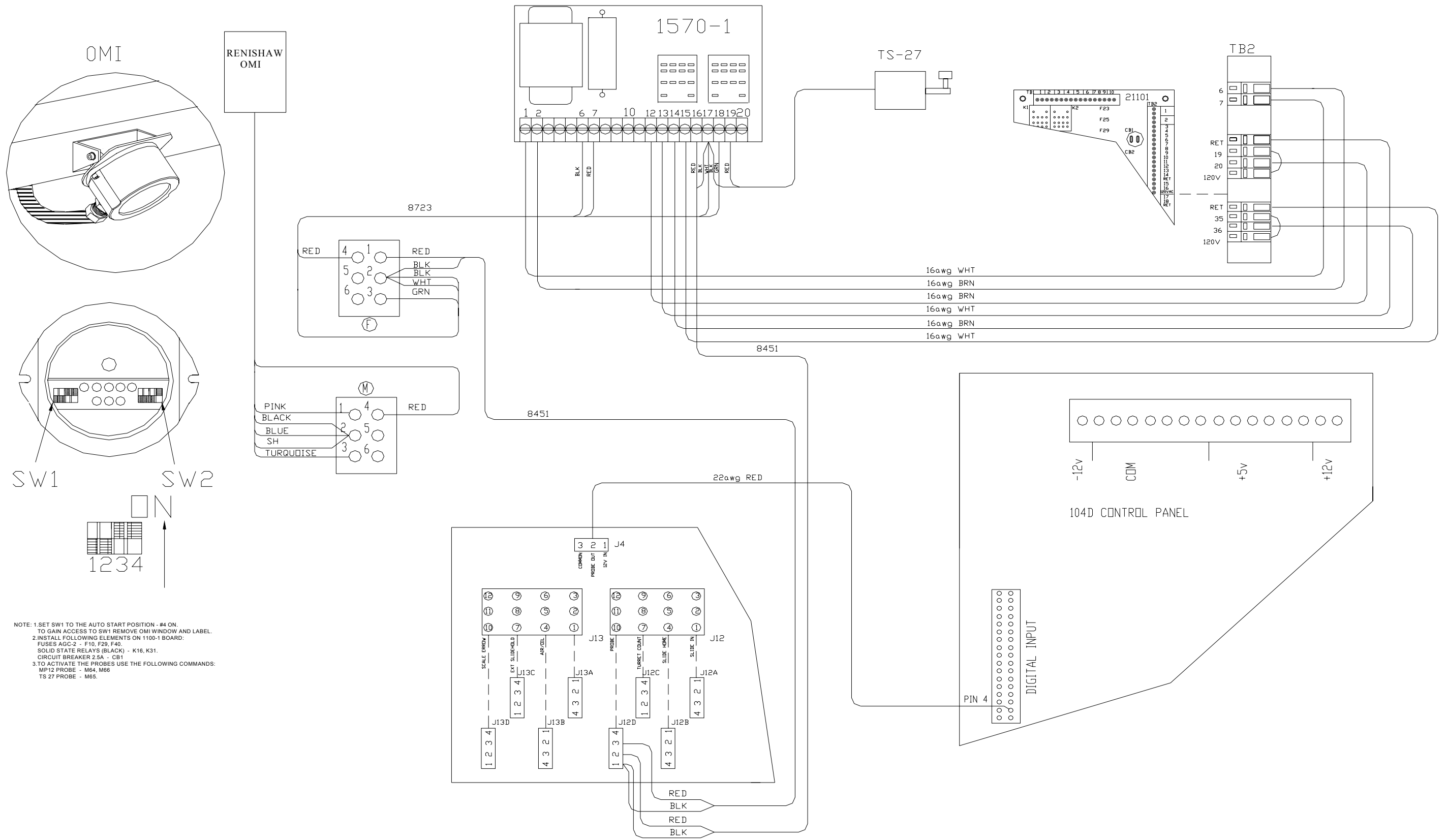
RENISHAW TS-27 PROBE



Wrg_0110_104d_mp12_omi



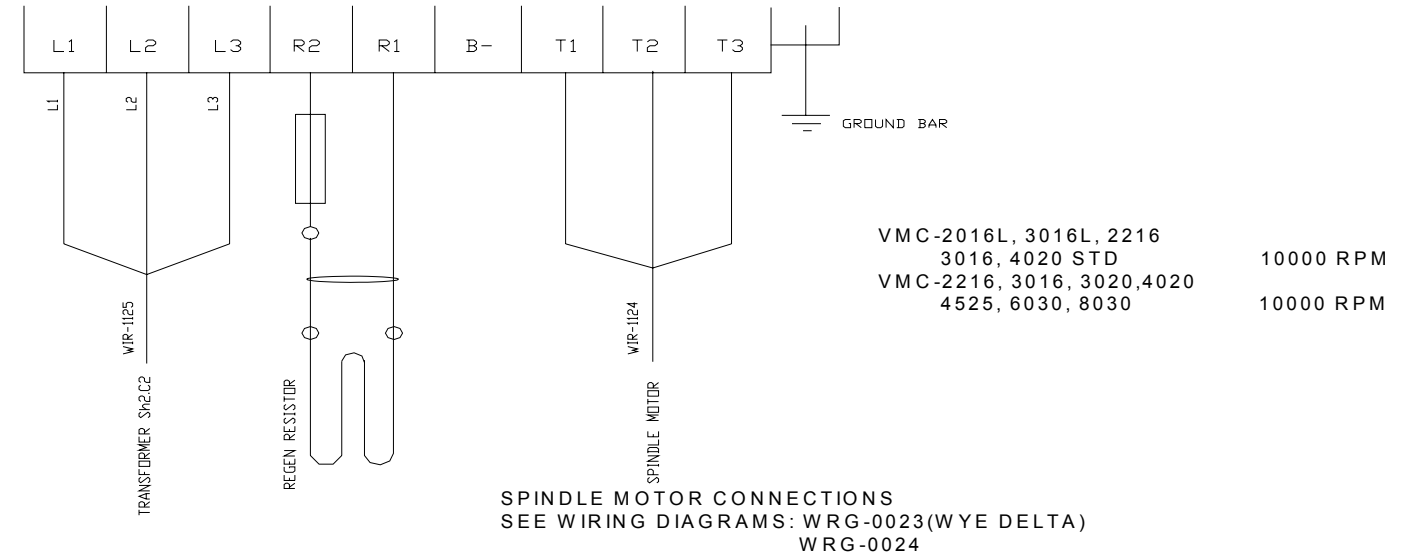
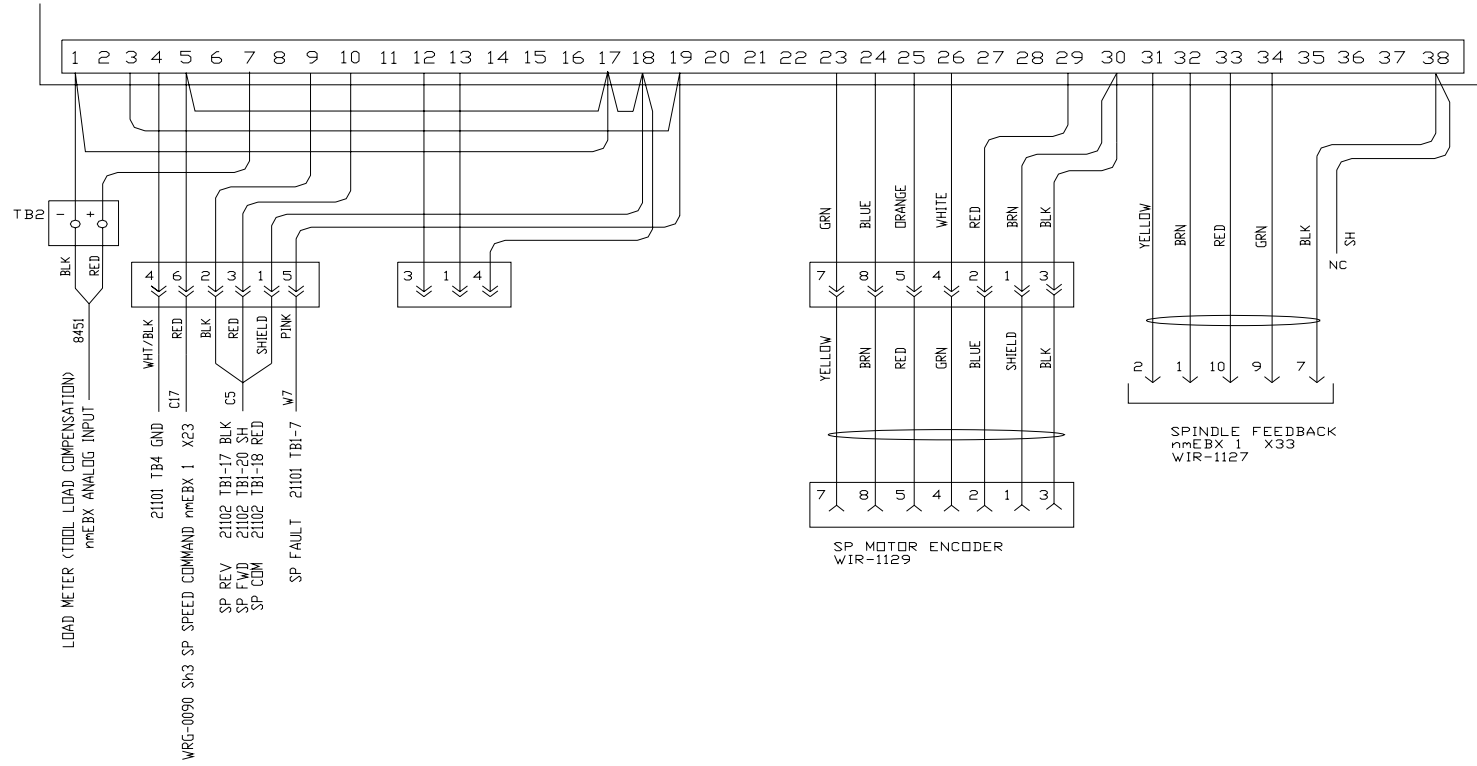
Wrg_0111_104d_mp12_omi_ts27_1570



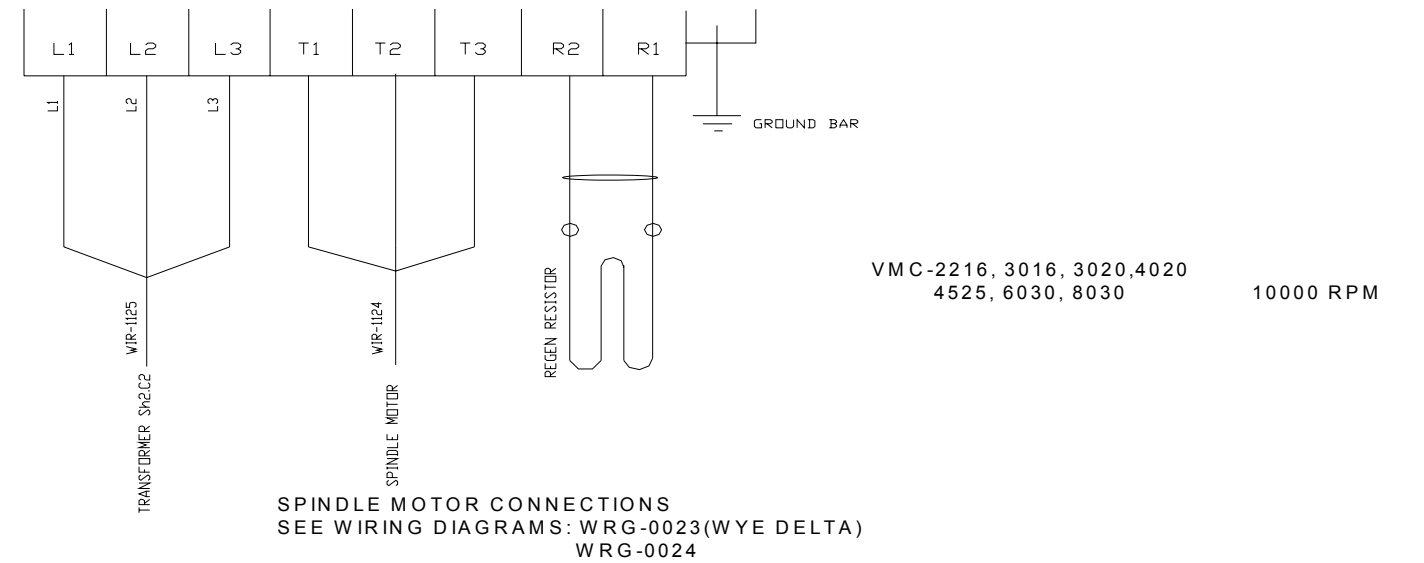
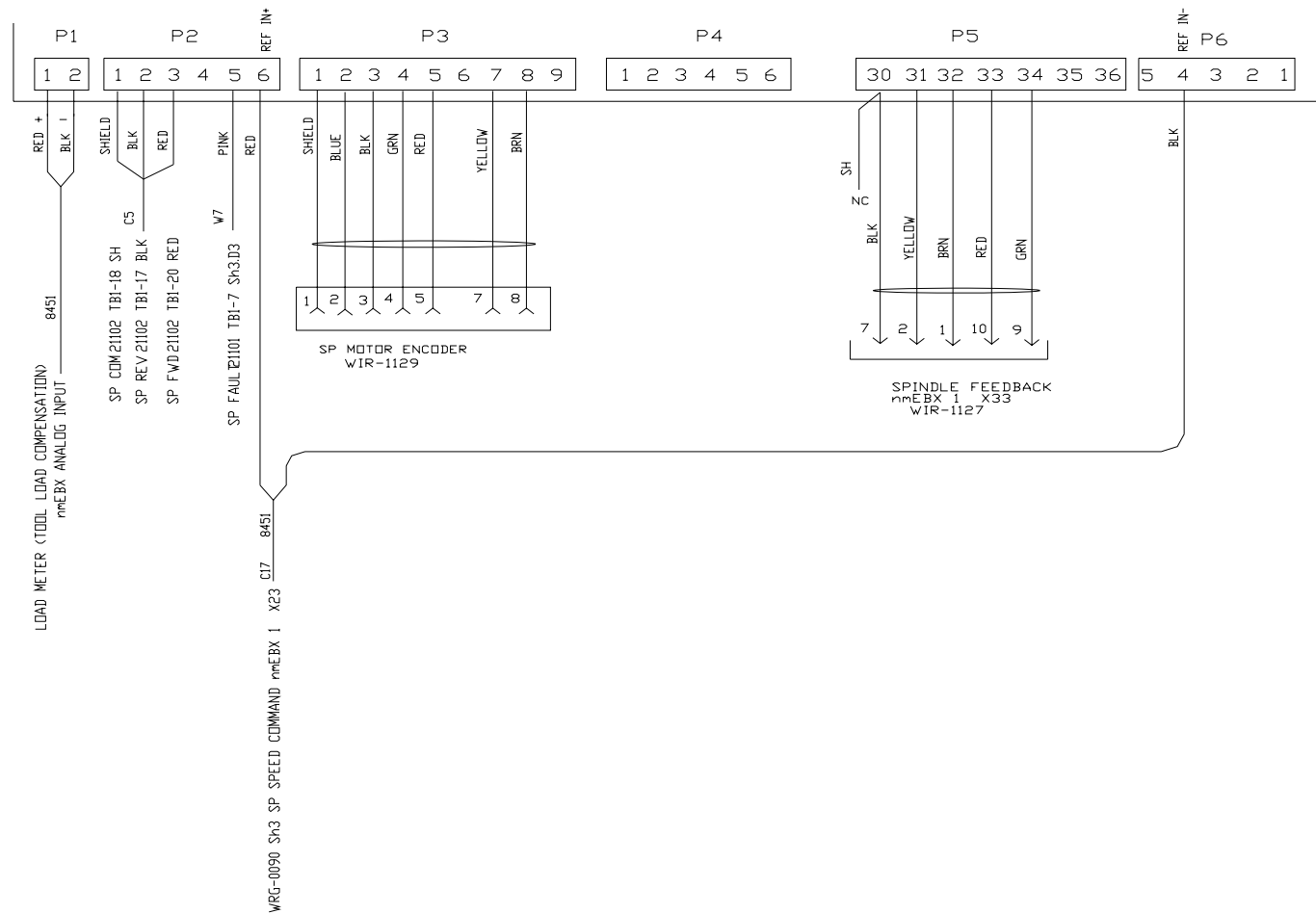
NOTE: 1. SET SW1 TO THE AUTO START POSITION - #4 ON.
 TO GAIN ACCESS TO SW1 REMOVE OMI WINDOW AND LABEL.
 2. INSTALL FOLLOWING ELEMENTS ON 1100-1 BOARD:
 FUSES AGC-2 - F10, F29, F40.
 SOLID STATE RELAYS (BLACK) - K16, K31.
 CIRCUIT BREAKER 2.5A - CB1
 3. TO ACTIVATE THE PROBES USE THE FOLLOWING COMMANDS:
 MP12 PROBE - M64, M66
 TS 27 PROBE - M65.

Wrg_0079B1_104D_spindle_drive

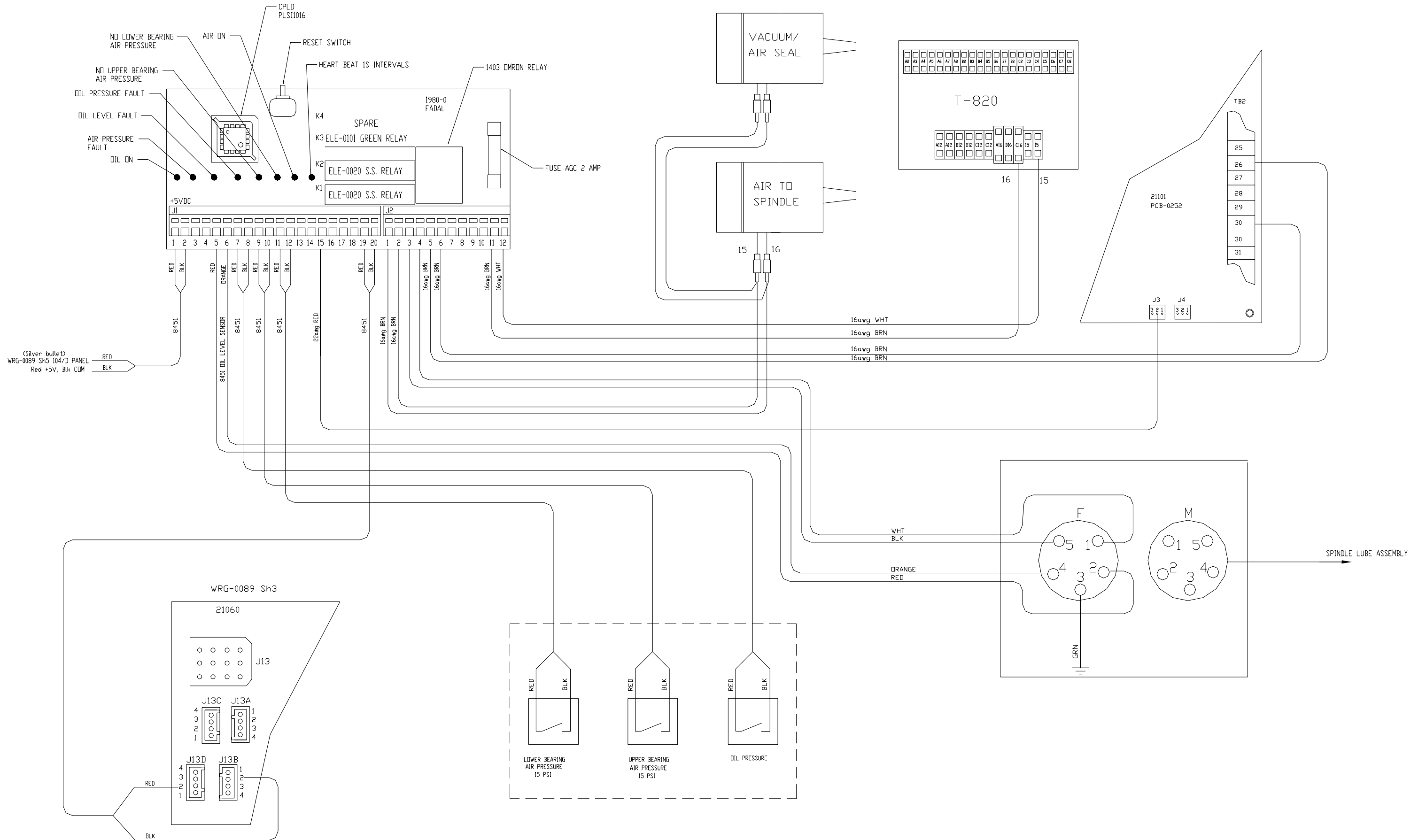
BALDOR SPINDLE DRIVE



AMC SPINDLE DRIVE



Wrg_0093A_104D_air_oil_1980



Wrg_0085A_104d_4axis

