

WIRE LEGEND AND NOTES

CONTROL WIRE GAUGE:
(ALL WIRE MUST BE UL AND VW-1 RATING)

SYMBOL – WIRE GAUGE, VOLTAGE, TYPE

A- #24 AWG, 300V, 105C, 7/32 STRANDING, UL1569
B- #22 AWG, 300V, 105C, 7/30 STRANDING, UL1569
C- #20 AWG, 600V, 105C, 10/30 STRANDING, UL1015
D- #14 AWG 600V, 105C, 41/30 STRANDING, UL1015
E- #10 AWG 600V, 105C, 105/30 STRANDING, UL1015
F- #24 AWG, 300V 80C, 4 CONDUCTOR CABLE, UL2464,
7x32 STRANDING, BLK/WHT/RED/GRN
G- #24 AWG, 600V, 105C, TWISTED PAIR, RED/WHT, 105C, UL1015
H- #16 AWG, 300V, 105C, 26/30 STRANDING, UL1569
I- #14 AWG, 300V, 105C, 41/30 STRANDING, 0.110 NOM ID, UL1569
J- #20 AWG, 300V, 105C, 10/30 STRANDING, UL1569

WIRE REFERENCE NUMBER PREFIX

N - CONTROL/SIGNAL WIRE
H - 10 AWG WIRE
F - FIBER CABLE
C - MULTI-CONDUCTOR CABLE
R - RIBBON CABLE
P - POWER WIRE (#2 AND UP)
FB – FLEXIBUS
HB – HARD BUS

WIRE COLORS, CONTROL WIRE:

1.BRN 2.RED 3.ORN 4.YEL
5.GRN 6.BLU 7.VIO 8.GRY
9.WHT 10.BLK

WIRE COLORS POWER VOLTAGE 480V

A-BRN B-ORN C- YEL

WIRE COLORS POWER VOLTAGE 120/208V

A-BLK B-RED C-BLU N-WHT G-GRN

IBM RESEARCH TRIANGLE PARK

WIRE COLORS POWER VOLTAGE 480V

A-BLK B-RED C-BLU N-WHT G-GRN

WIRE COLORS POWER VOLTAGE 120/208V

A-BLK B-BLU C-RED N-WHT G-GRN

CANADA COLORS – PHASE ID ONLY FOR ALL VOLTAGES

A-RED B-BLK C-BLU N-WHT G-GRN

MTA PLUG COLORS

WHITE FOR A WIRE

RED FOR B WIRE

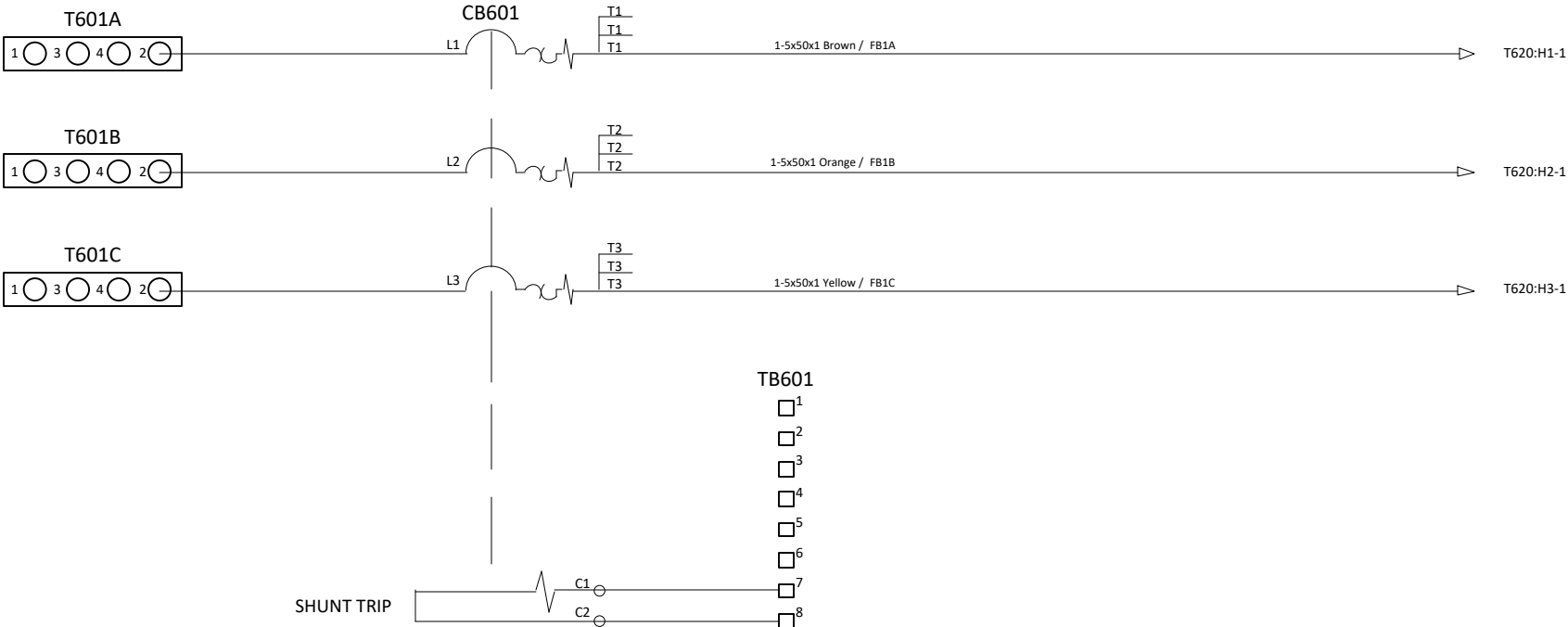
YELLOW FOR J WIRE



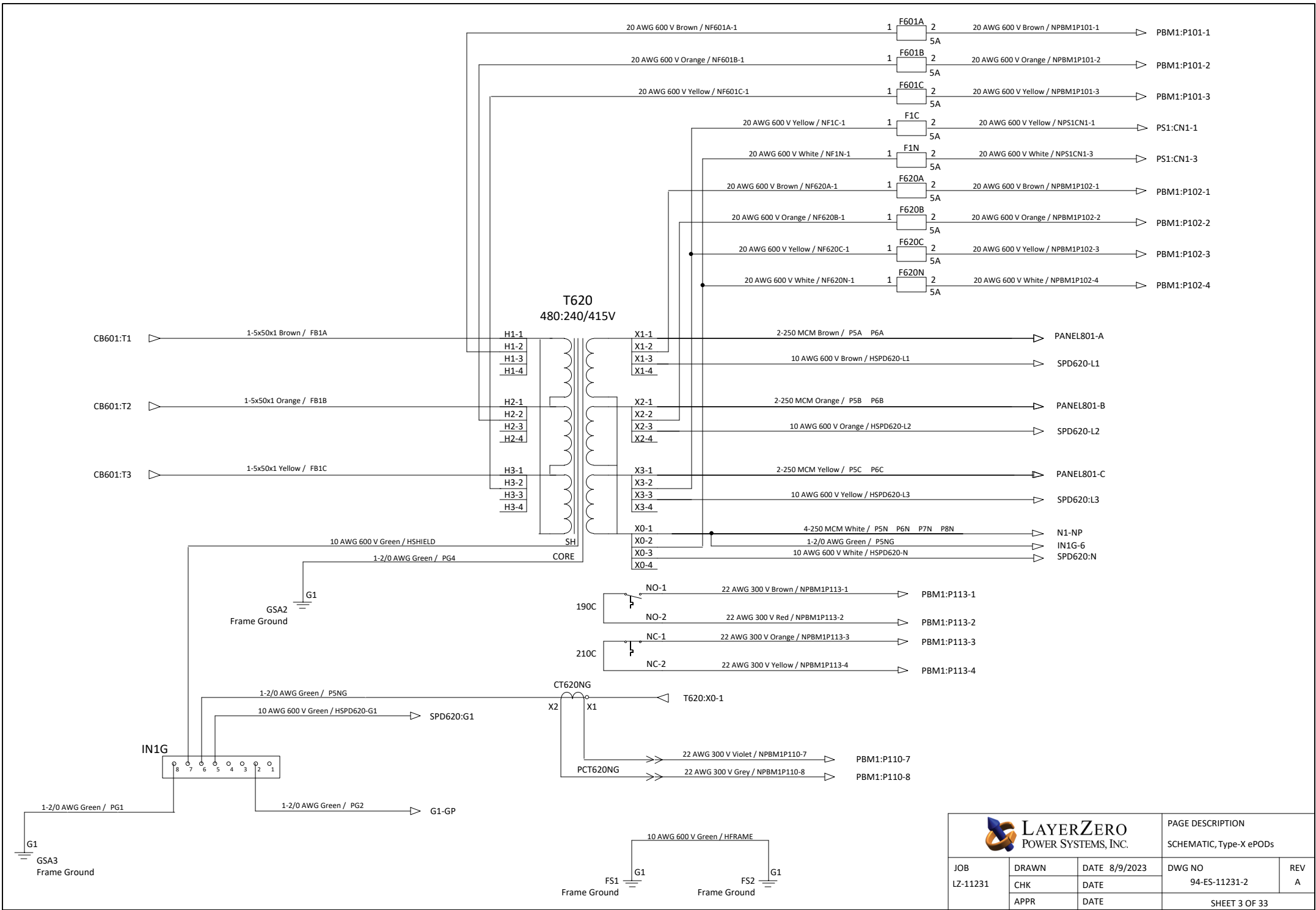
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SCHEMATIC, Type-X ePODs

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480V, 3-Phase, 3-Wire + Ground



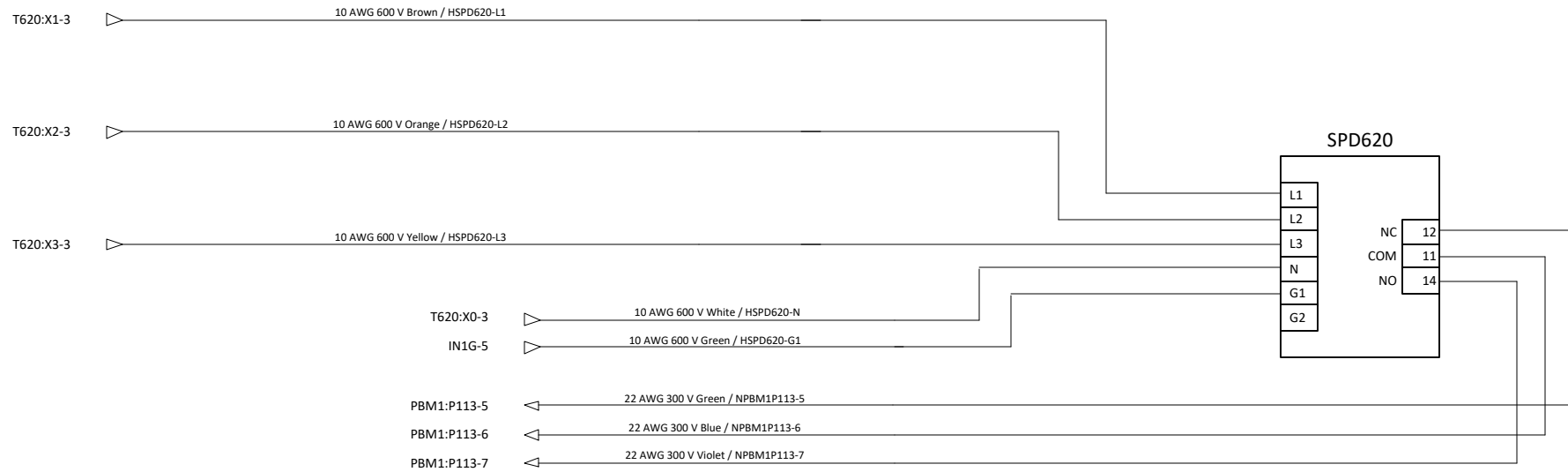
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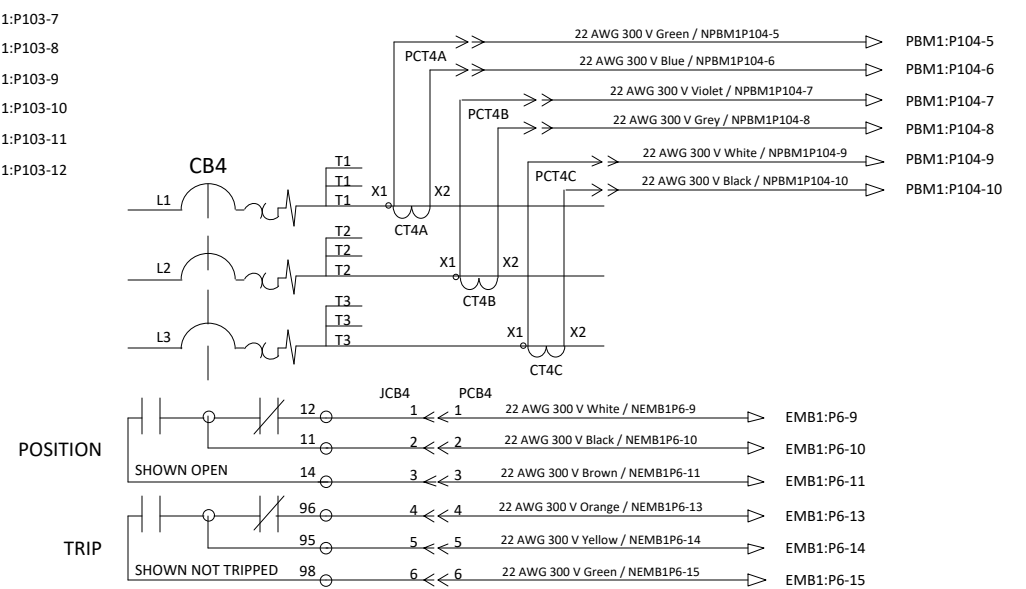
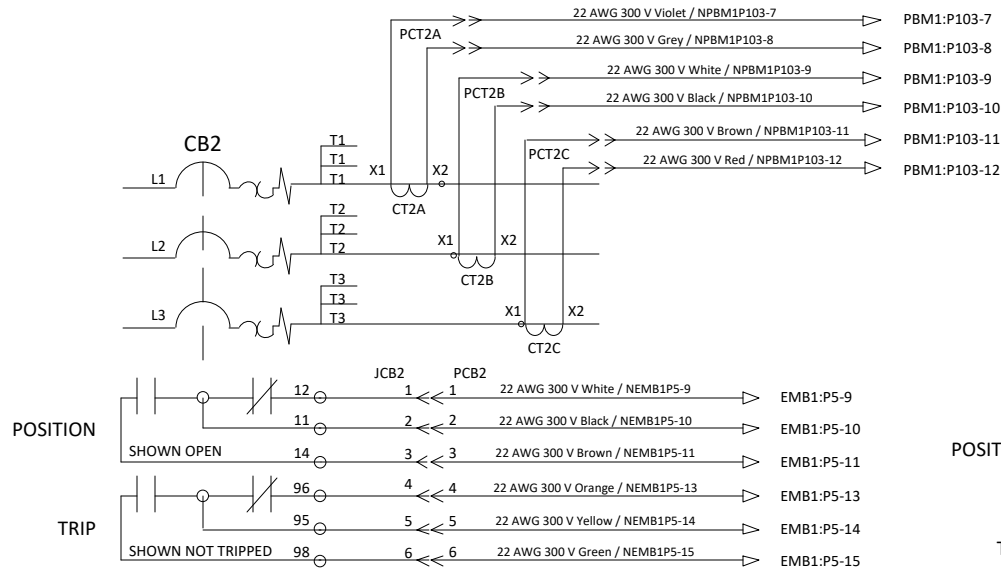
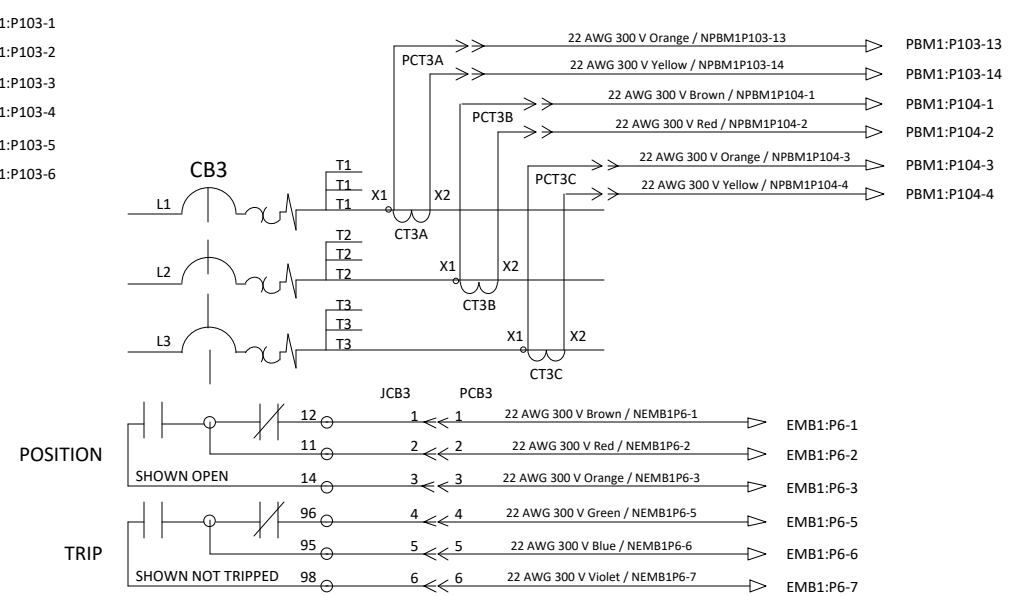
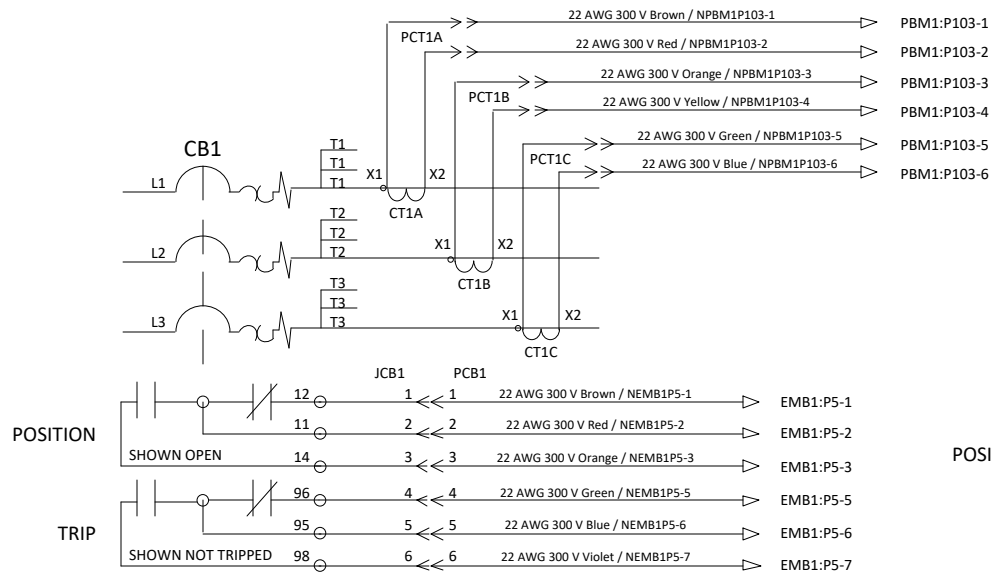


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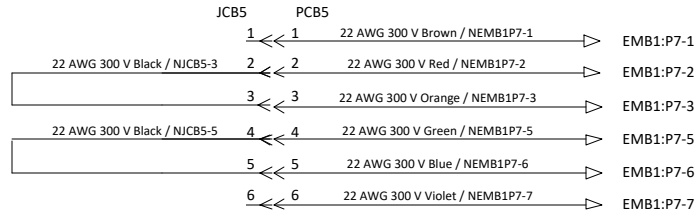
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CB5 Subfeed CTs not installed,
but monitoring wires installed
for future customer use



CB5 NOT INSTALLED

Auxiliary Contact jumpers should
be installed, as shown below

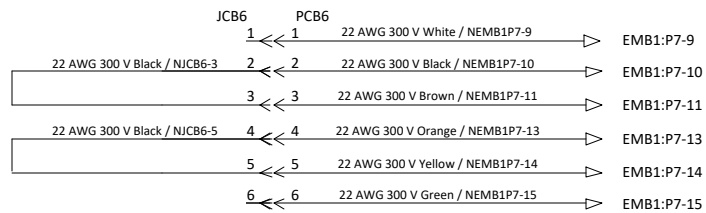


CB6 Subfeed CTs not installed,
but monitoring wires installed
for future customer use



CB6 NOT INSTALLED

Auxiliary Contact jumpers should
be installed, as shown below



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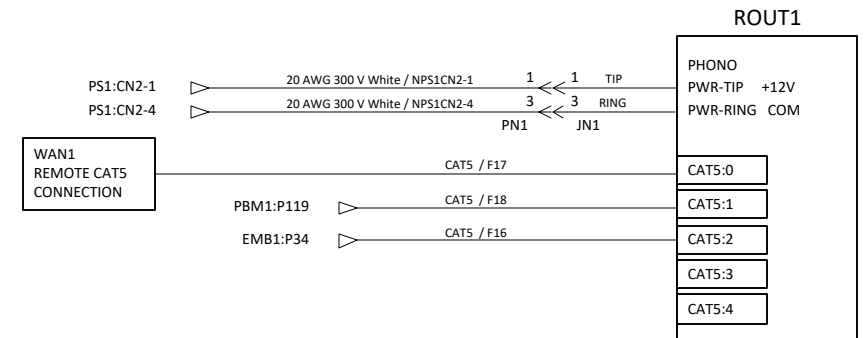
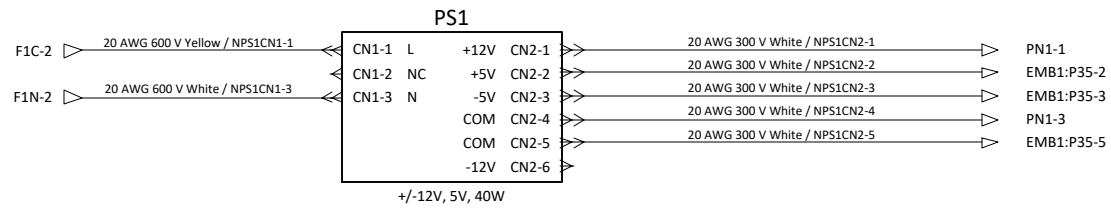
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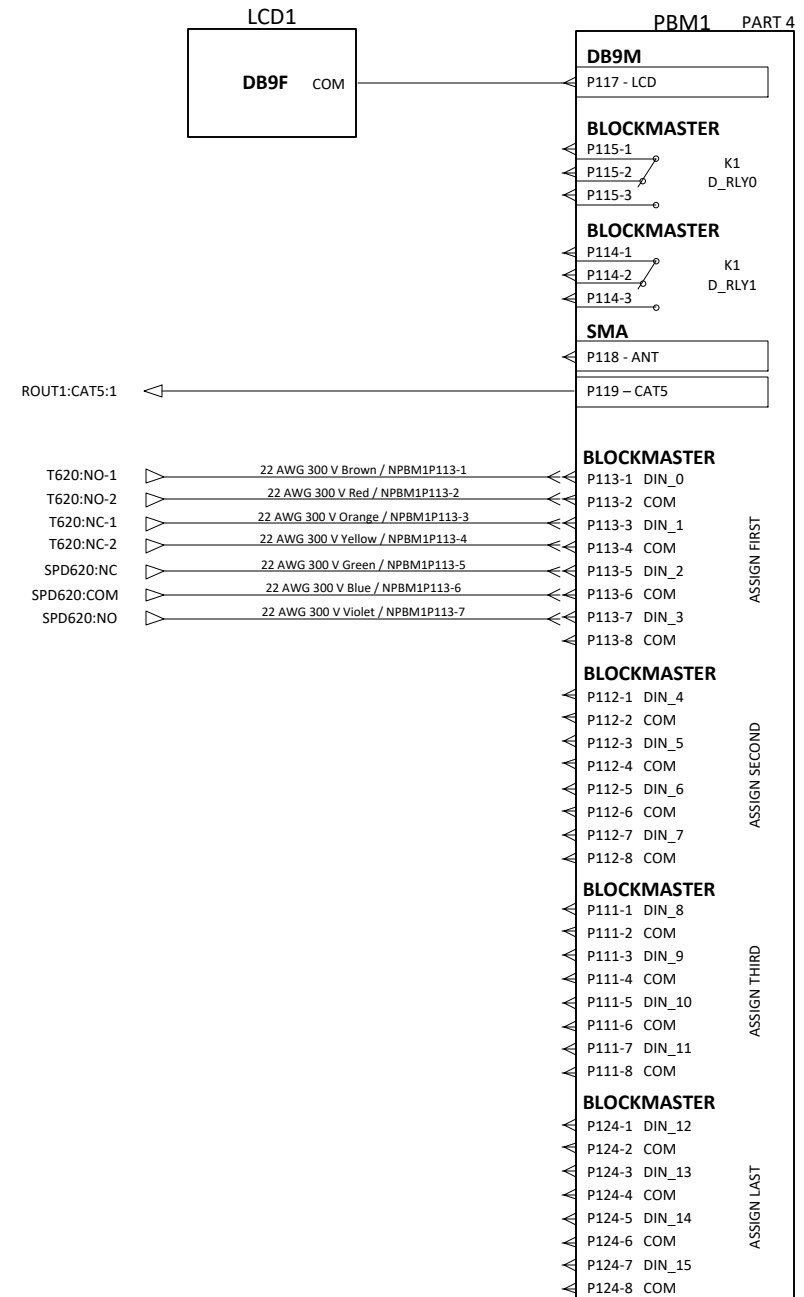
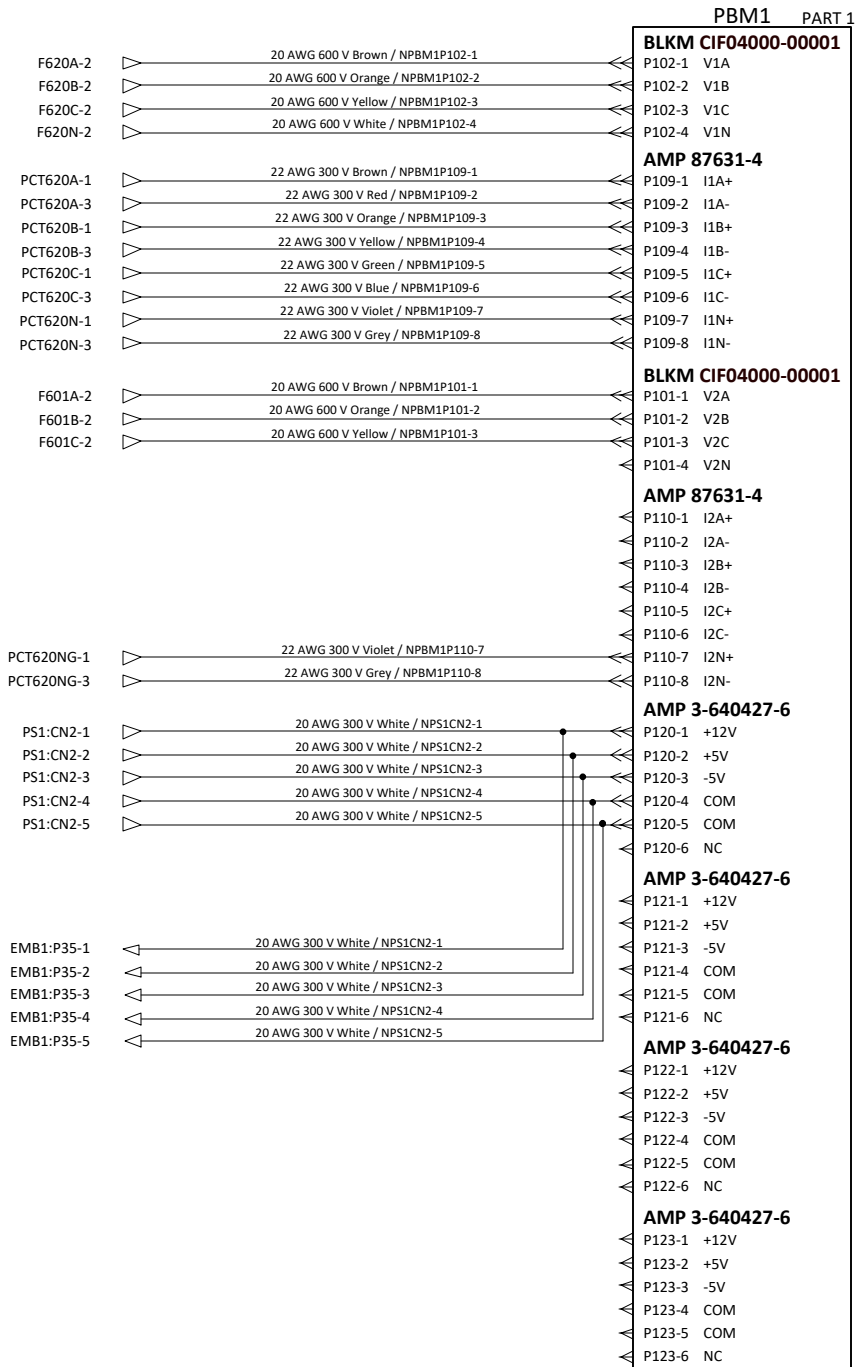
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PBM1 PART 2

AMP-MODU

PCT1A-1	22 AWG 300 V Brown / NPBM1P103-1	P103-1	POS	
PCT1A-3	22 AWG 300 V Red / NPBM1P103-2	P103-2	NEG	CKT 2
PCT1B-1	22 AWG 300 V Orange / NPBM1P103-3	P103-3	POS	CKT 4
PCT1B-3	22 AWG 300 V Yellow / NPBM1P103-4	P103-4	NEG	
PCT1C-1	22 AWG 300 V Green / NPBM1P103-5	P103-5	POS	CKT 6
PCT1C-3	22 AWG 300 V Blue / NPBM1P103-6	P103-6	NEG	
PCT2A-1	22 AWG 300 V Violet / NPBM1P103-7	P103-7	POS	CKT 8
PCT2A-3	22 AWG 300 V Grey / NPBM1P103-8	P103-8	NEG	
PCT2B-1	22 AWG 300 V White / NPBM1P103-9	P103-9	POS	CKT 10
PCT2B-3	22 AWG 300 V Black / NPBM1P103-10	P103-10	NEG	
PCT2C-1	22 AWG 300 V Brown / NPBM1P103-11	P103-11	POS	CKT 12
PCT2C-3	22 AWG 300 V Red / NPBM1P103-12	P103-12	NEG	
PCT3A-1	22 AWG 300 V Orange / NPBM1P103-13	P103-13	POS	CKT 14
PCT3A-3	22 AWG 300 V Yellow / NPBM1P103-14	P103-14	NEG	
PCT3B-1	22 AWG 300 V Brown / NPBM1P104-1	P104-1	POS	AMP-MODU
PCT3B-3	22 AWG 300 V Red / NPBM1P104-2	P104-2	NEG	CKT 16
PCT3C-1	22 AWG 300 V Orange / NPBM1P104-3	P104-3	POS	CKT 18
PCT3C-3	22 AWG 300 V Yellow / NPBM1P104-4	P104-4	NEG	
PCT4A-1	22 AWG 300 V Green / NPBM1P104-5	P104-5	POS	CKT 20
PCT4A-3	22 AWG 300 V Blue / NPBM1P104-6	P104-6	NEG	
PCT4B-1	22 AWG 300 V Violet / NPBM1P104-7	P104-7	POS	CKT 22
PCT4B-3	22 AWG 300 V Grey / NPBM1P104-8	P104-8	NEG	
PCT4C-1	22 AWG 300 V White / NPBM1P104-9	P104-9	POS	CKT 24
PCT4C-3	22 AWG 300 V Black / NPBM1P104-10	P104-10	NEG	
PCT5A-1	22 AWG 300 V Brown / NPBM1P104-11	P104-11	POS	CKT 26
PCT5A-3	22 AWG 300 V Red / NPBM1P104-12	P104-12	NEG	
PCT5B-1	22 AWG 300 V Orange / NPBM1P104-13	P104-13	POS	CKT 28
PCT5B-3	22 AWG 300 V Yellow / NPBM1P104-14	P104-14	NEG	
PCT5C-1	22 AWG 300 V Brown / NPBM1P105-1	P105-1	POS	AMP-MODU
PCT5C-3	22 AWG 300 V Red / NPBM1P105-2	P105-2	NEG	CKT 30
PCT6A-1	22 AWG 300 V Orange / NPBM1P105-3	P105-3	POS	CKT 32
PCT6A-3	22 AWG 300 V Yellow / NPBM1P105-4	P105-4	NEG	
PCT6B-1	22 AWG 300 V Green / NPBM1P105-5	P105-5	POS	CKT 34
PCT6B-3	22 AWG 300 V Blue / NPBM1P105-6	P105-6	NEG	
PCT6C-1	22 AWG 300 V Violet / NPBM1P105-7	P105-7	POS	CKT 36
PCT6C-3	22 AWG 300 V Grey / NPBM1P105-8	P105-8	NEG	
		P105-9	POS	CKT 38
		P105-10	NEG	
		P105-11	POS	CKT 40
		P105-12	NEG	
		P105-13	POS	CKT 42
		P105-14	NEG	

PBM1 PART 3

AMP-MODU

P106-1	POS	
P106-2	NEG	CKT 1A
P106-3	POS	CKT 1B
P106-4	NEG	
P106-5	POS	CKT 1C
P106-6	NEG	
P106-7	POS	CKT 7
P106-8	NEG	
P106-9	POS	CKT 9
P106-10	NEG	
P106-11	POS	CKT 11
P106-12	NEG	
P106-13	POS	CKT 13
P106-14	NEG	
P107-1	POS	AMP-MODU
P107-2	NEG	CKT 15
P107-3	POS	CKT 17
P107-4	NEG	
P107-5	POS	CKT 19
P107-6	NEG	
P107-7	POS	CKT 21
P107-8	NEG	
P107-9	POS	CKT 23
P107-10	NEG	
P107-11	POS	CKT 25
P107-12	NEG	
P107-13	POS	CKT 27
P107-14	NEG	
P108-1	POS	AMP-MODU
P108-2	NEG	CKT 29
P108-3	POS	CKT 31
P108-4	NEG	
P108-5	POS	CKT 33
P108-6	NEG	
P108-7	POS	CKT 35
P108-8	NEG	
P108-9	POS	CKT 37
P108-10	NEG	
P108-11	POS	CKT 39
P108-12	NEG	
P108-13	POS	CKT 41
P108-14	NEG	



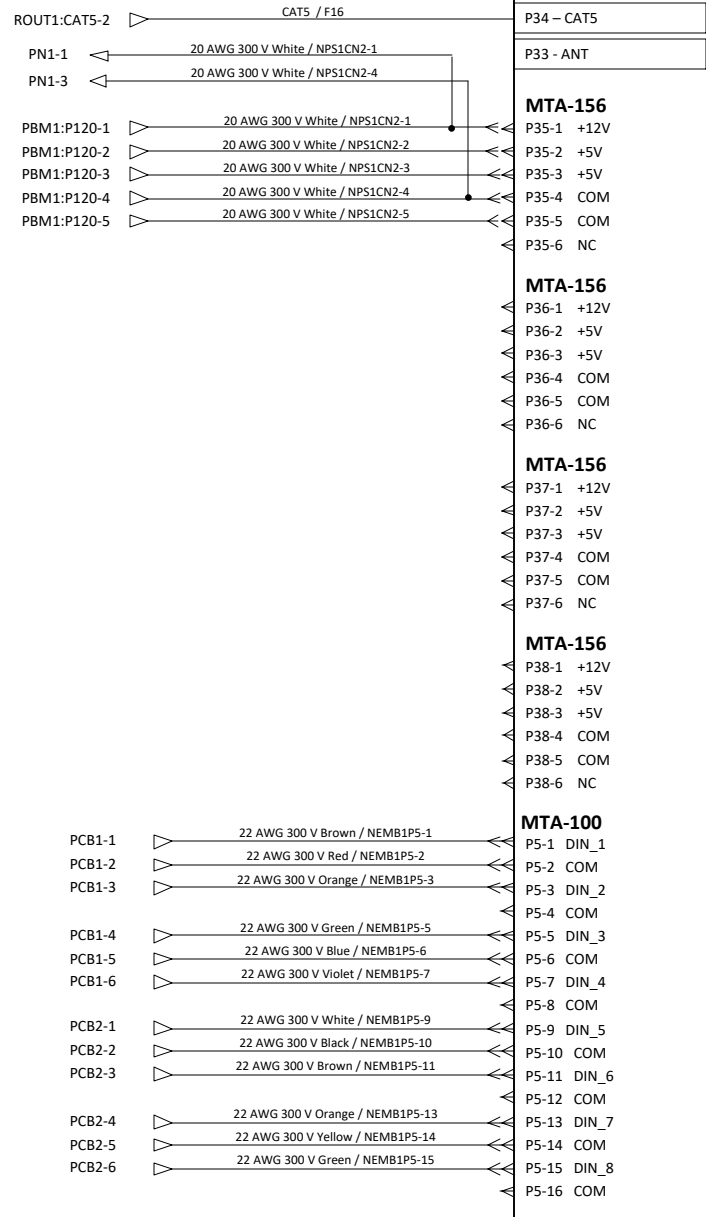
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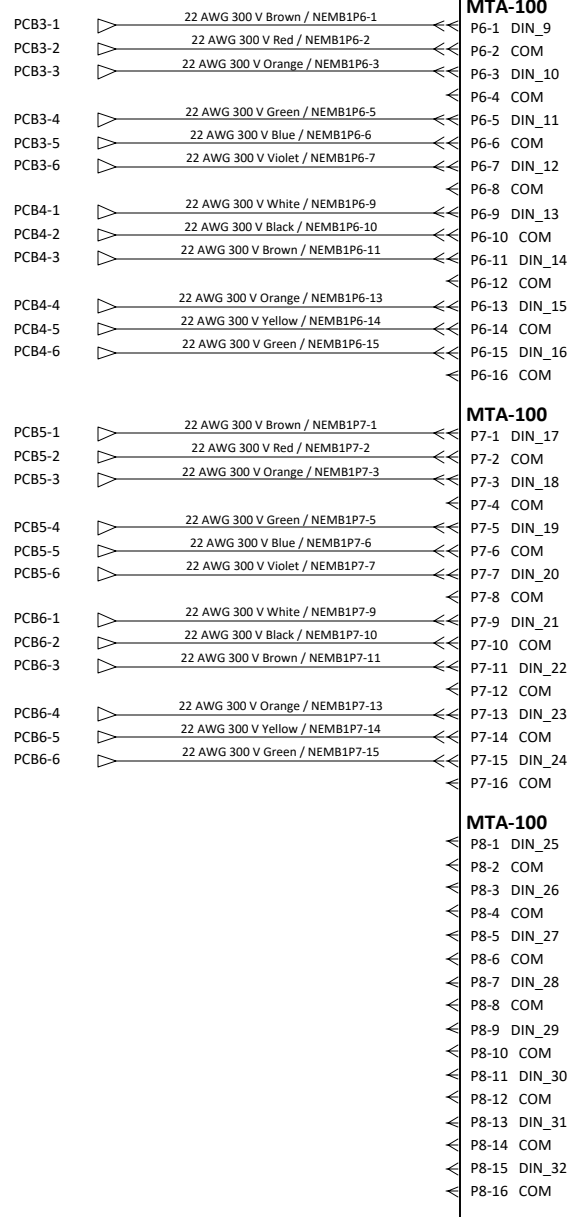
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EMB1 PART 1



EMB1 PART 2



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22 AWG 300 V Red / NEPOC601P3-3

22 AWG 300 V Brown / NEPOC601P4-1



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