

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

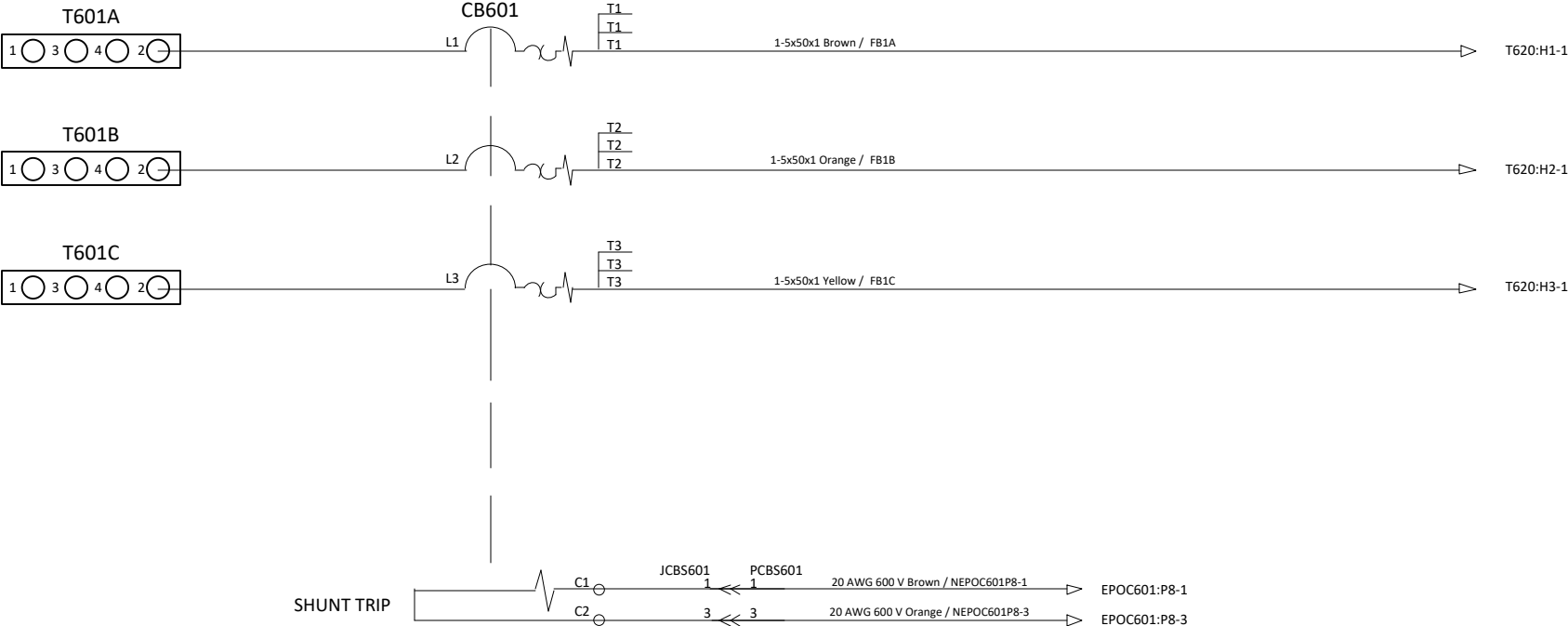
YELLOW FOR J WIRE



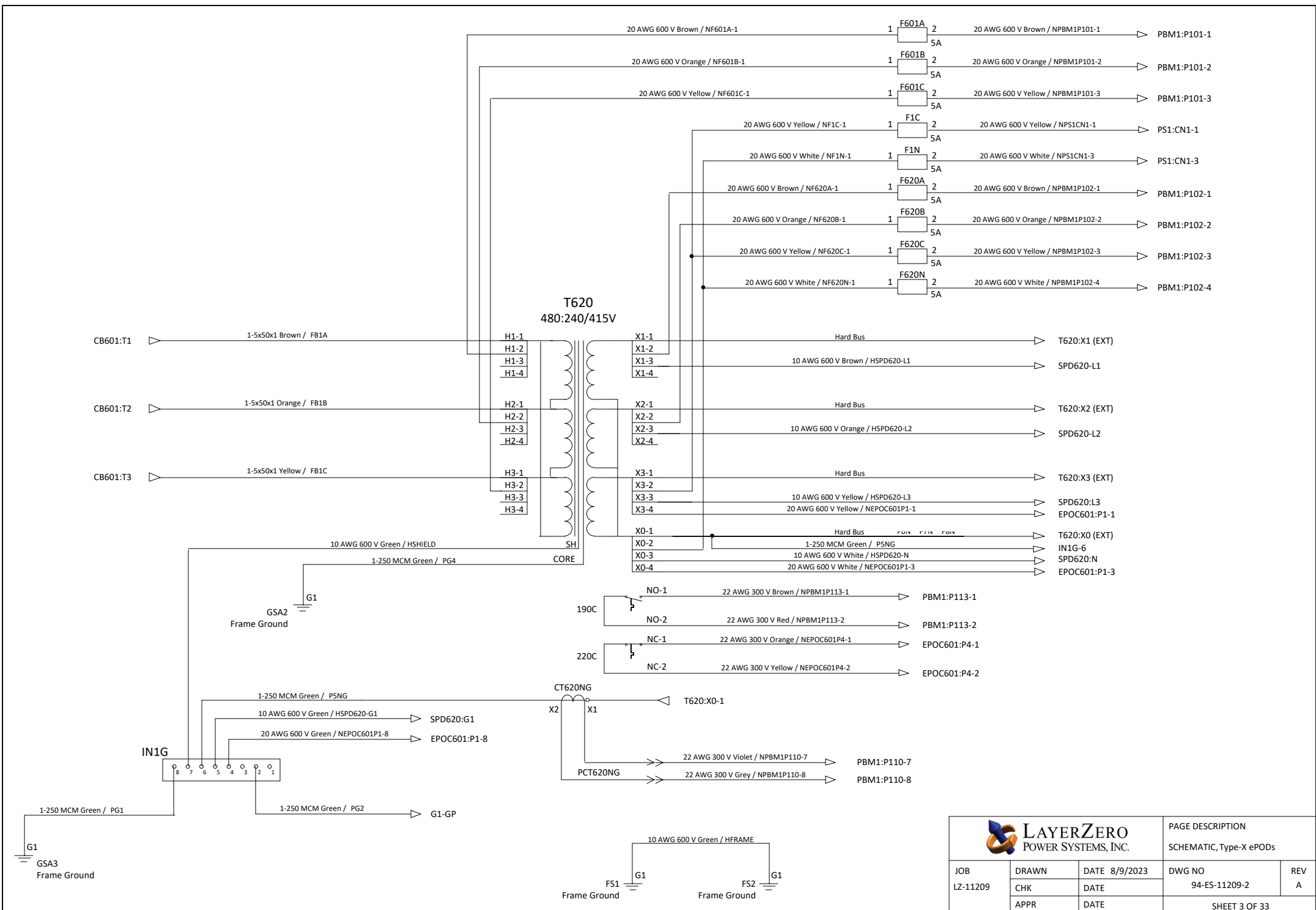
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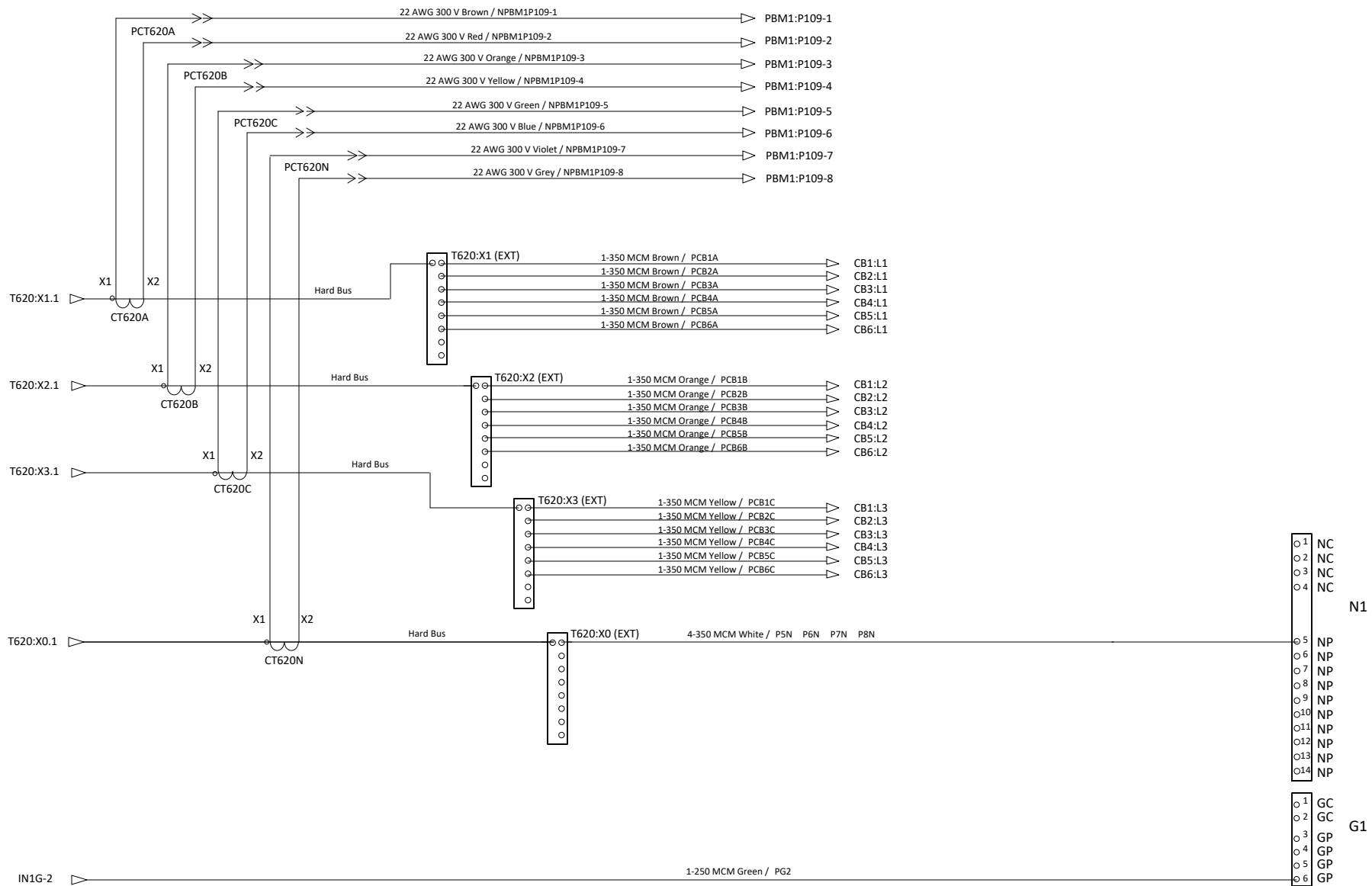
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480V, 3-Phase, 3-Wire + Ground

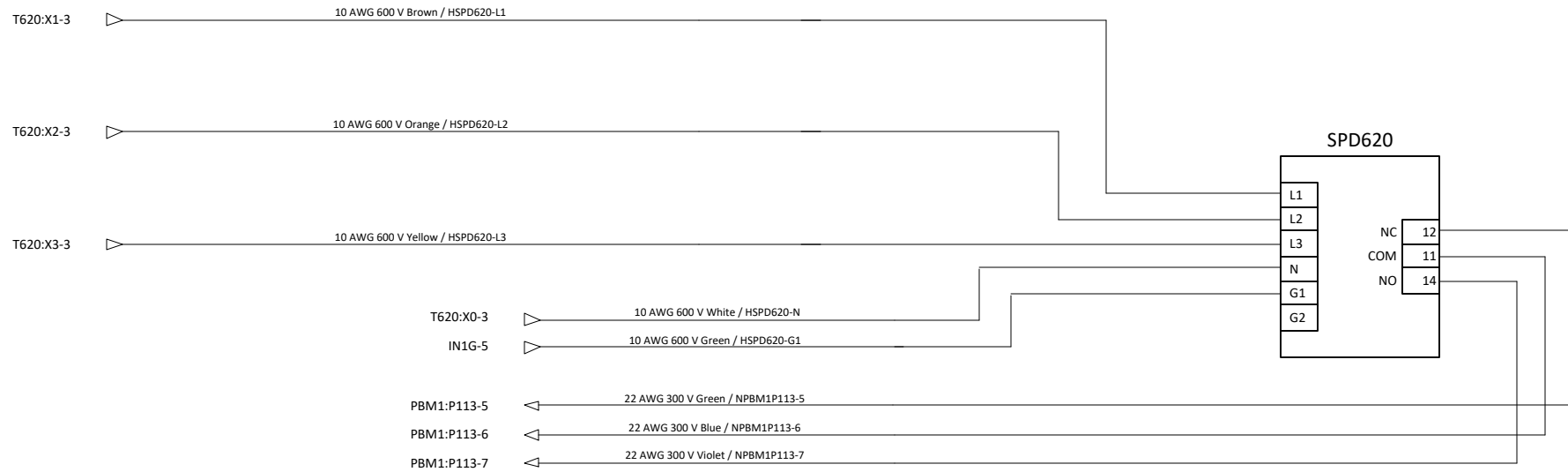


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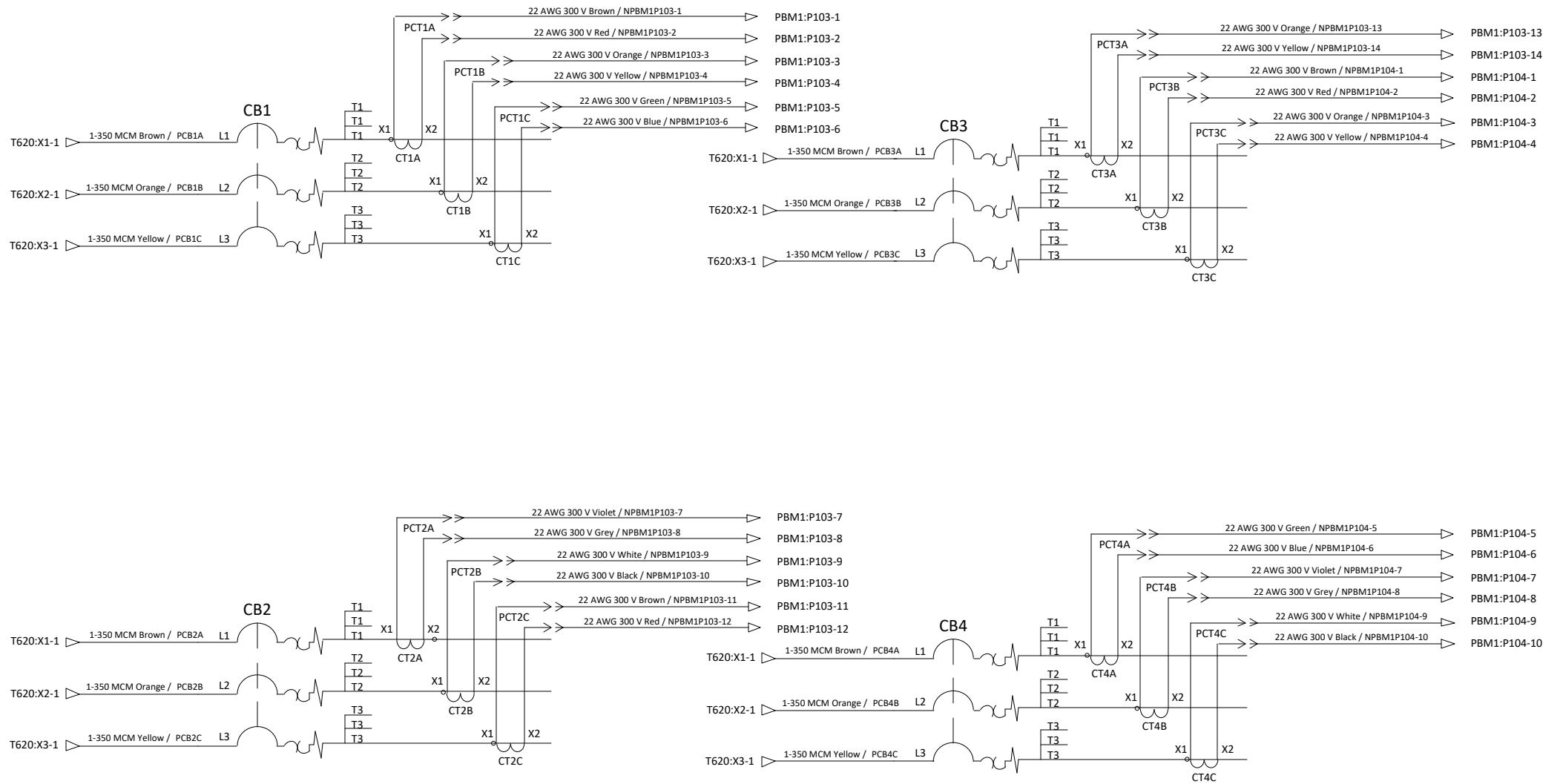




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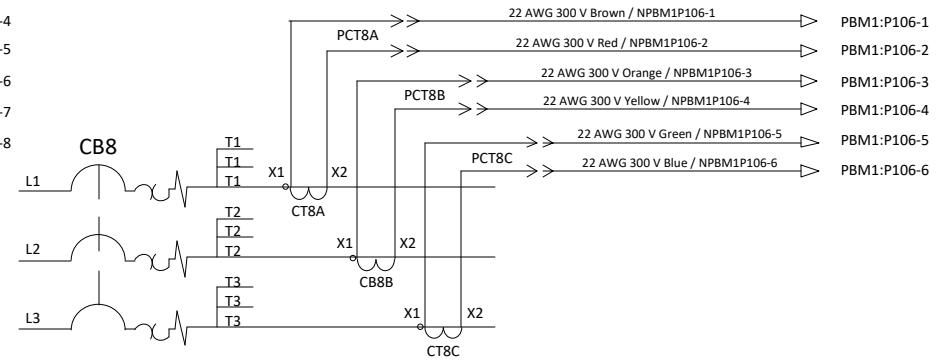
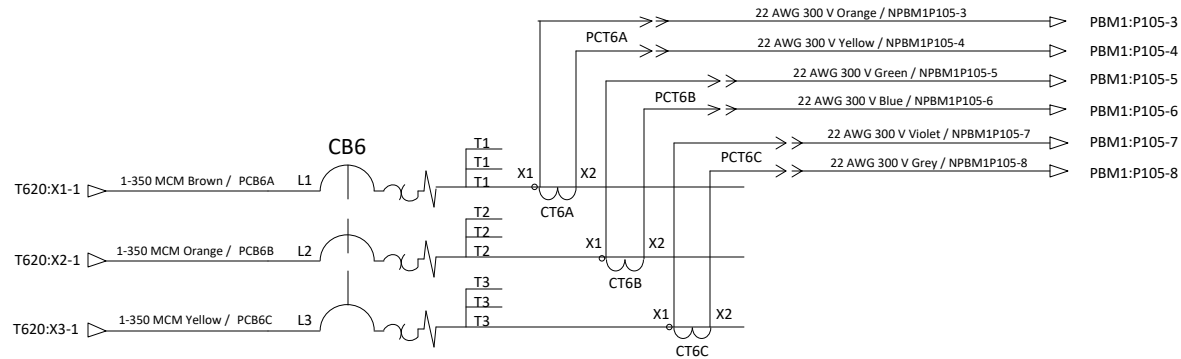
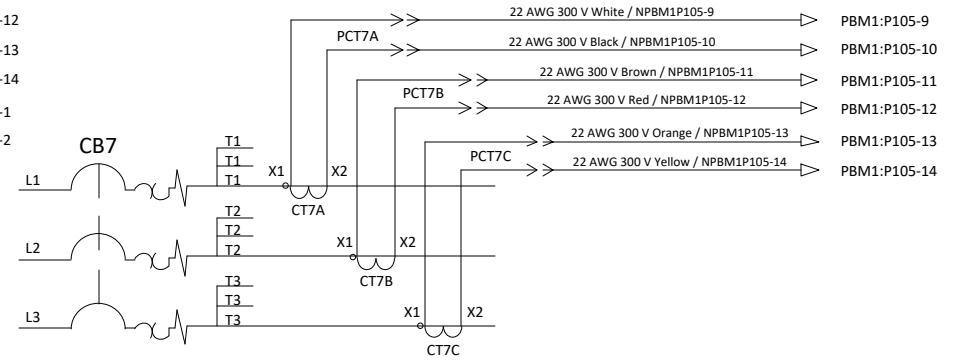
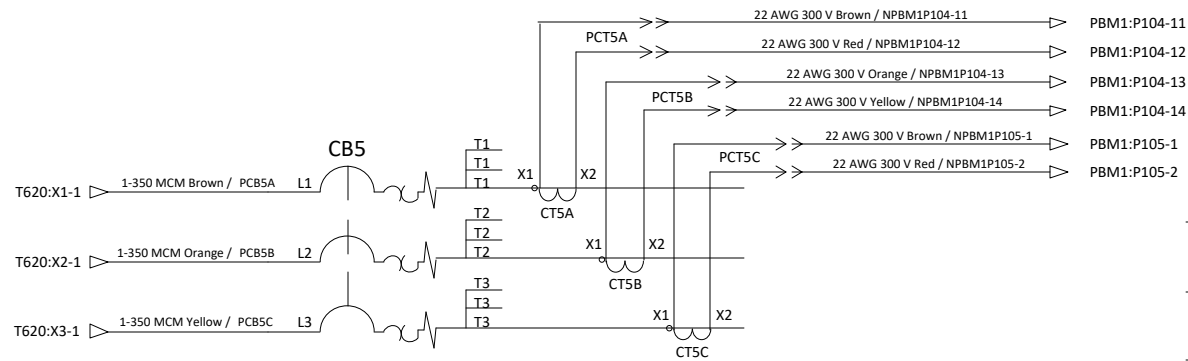


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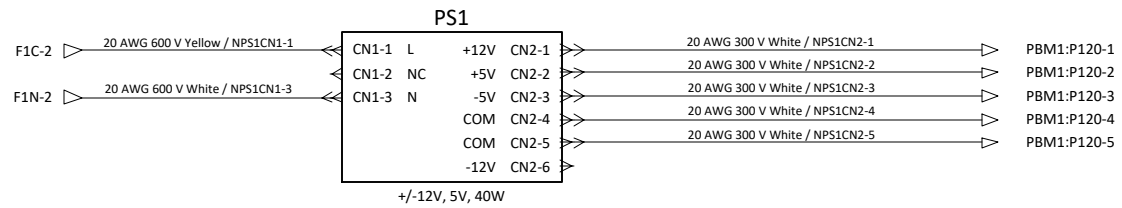
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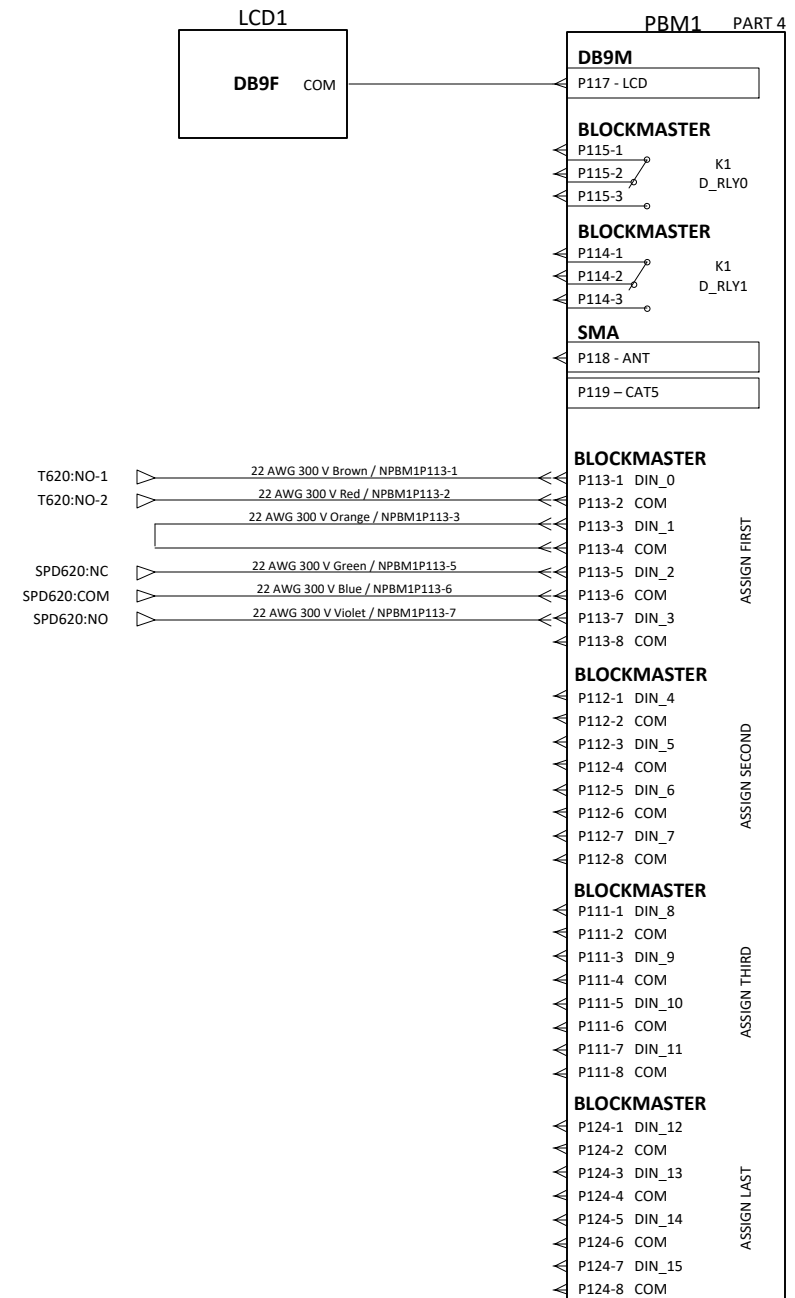
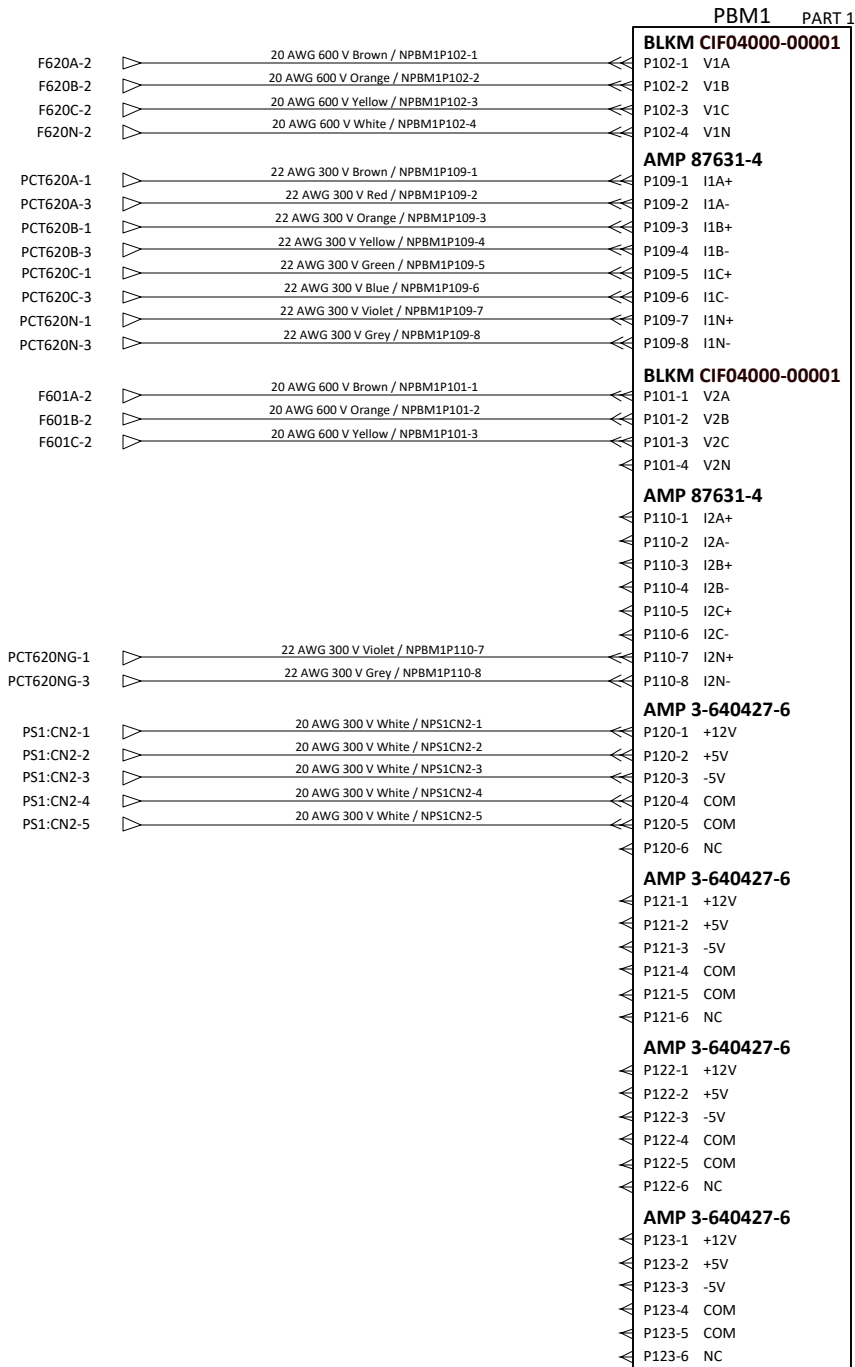
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PBM1 PART 2

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	
PCT1B-3	22 AWG 300 V Yellow / NPBM1P103-4	P103-4	NEG	CKT 4
PCT1C-1	22 AWG 300 V Green / NPBM1P103-5	P103-5	POS	
PCT1C-3	22 AWG 300 V Blue / NPBM1P103-6	P103-6	NEG	CKT 6
PCT2A-1	22 AWG 300 V Violet / NPBM1P103-7	P103-7	POS	
PCT2A-3	22 AWG 300 V Grey / NPBM1P103-8	P103-8	NEG	CKT 8
PCT2B-1	22 AWG 300 V White / NPBM1P103-9	P103-9	POS	
PCT2B-3	22 AWG 300 V Black / NPBM1P103-10	P103-10	NEG	CKT 10
PCT2C-1	22 AWG 300 V Brown / NPBM1P103-11	P103-11	POS	
PCT2C-3	22 AWG 300 V Red / NPBM1P103-12	P103-12	NEG	CKT 12
PCT3A-1	22 AWG 300 V Orange / NPBM1P103-13	P103-13	POS	
PCT3A-3	22 AWG 300 V Yellow / NPBM1P103-14	P103-14	NEG	CKT 14
PCT3B-1	22 AWG 300 V Brown / NPBM1P104-1	P104-1	POS	
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	
PCT3C-3	22 AWG 300 V Yellow / NPBM1P104-4	P104-4	NEG	CKT 18
PCT4A-1	22 AWG 300 V Green / NPBM1P104-5	P104-5	POS	
PCT4A-3	22 AWG 300 V Blue / NPBM1P104-6	P104-6	NEG	CKT 20
PCT4B-1	22 AWG 300 V Violet / NPBM1P104-7	P104-7	POS	
PCT4B-3	22 AWG 300 V Grey / NPBM1P104-8	P104-8	NEG	CKT 22
PCT4C-1	22 AWG 300 V White / NPBM1P104-9	P104-9	POS	
PCT4C-3	22 AWG 300 V Black / NPBM1P104-10	P104-10	NEG	CKT 24
PCT5A-1	22 AWG 300 V Brown / NPBM1P104-11	P104-11	POS	
PCT5A-3	22 AWG 300 V Red / NPBM1P104-12	P104-12	NEG	CKT 26
PCT5B-1	22 AWG 300 V Orange / NPBM1P104-13	P104-13	POS	
PCT5B-3	22 AWG 300 V Yellow / NPBM1P104-14	P104-14	NEG	CKT 28
PCT5C-1	22 AWG 300 V Brown / NPBM1P105-1	P105-1	POS	
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	
PCT6A-3	22 AWG 300 V Yellow / NPBM1P105-4	P105-4	NEG	CKT 32
PCT6B-1	22 AWG 300 V Green / NPBM1P105-5	P105-5	POS	
PCT6B-3	22 AWG 300 V Blue / NPBM1P105-6	P105-6	NEG	CKT 34
PCT6C-1	22 AWG 300 V Violet / NPBM1P105-7	P105-7	POS	
PCT6C-3	22 AWG 300 V Grey / NPBM1P105-8	P105-8	NEG	CKT 36
PCT7A-1	22 AWG 300 V White / NPBM1P105-9	P105-9	POS	
PCT7A-3	22 AWG 300 V Black / NPBM1P105-10	P105-10	NEG	CKT 38
PCT7B-1	22 AWG 300 V Brown / NPBM1P105-11	P105-11	POS	
PCT7B-3	22 AWG 300 V Red / NPBM1P105-12	P105-12	NEG	CKT 40
PCT7C-1	22 AWG 300 V Orange / NPBM1P105-13	P105-13	POS	
PCT7C-3	22 AWG 300 V Yellow / NPBM1P105-14	P105-14	NEG	CKT 42

PBM1 PART 3

AMP-MODU

PCT8A-1	22 AWG 300 V Brown / NPBM1P106-1	P106-1	POS	
PCT8A-3	22 AWG 300 V Red / NPBM1P106-2	P106-2	NEG	CKT 1A
PCT8B-1	22 AWG 300 V Orange / NPBM1P106-3	P106-3	POS	
PCT8B-3	22 AWG 300 V Yellow / NPBM1P106-4	P106-4	NEG	CKT 1B
PCT8C-1	22 AWG 300 V Green / NPBM1P106-5	P106-5	POS	
PCT8C-3	22 AWG 300 V Blue / NPBM1P106-6	P106-6	NEG	CKT 1C
		P106-7	POS	
		P106-8	NEG	CKT 7
		P106-9	POS	
		P106-10	NEG	CKT 9
		P106-11	POS	
		P106-12	NEG	CKT 11
		P106-13	POS	
		P106-14	NEG	CKT 13
		P107-1	POS	
		P107-2	NEG	CKT 15
		P107-3	POS	
		P107-4	NEG	CKT 17
		P107-5	POS	
		P107-6	NEG	CKT 19
		P107-7	POS	
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		P107-9	POS	
		P107-10	NEG	CKT 23
		P107-11	POS	
		P107-12	NEG	CKT 25
		P107-13	POS	
		P107-14	NEG	CKT 27
		P108-1	POS	
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		P108-3	POS	
		P108-4	NEG	CKT 31
		P108-5	POS	
		P108-6	NEG	CKT 33
		P108-7	POS	
		P108-8	NEG	CKT 35
		P108-9	POS	
		P108-10	NEG	CKT 37
		P108-11	POS	
		P108-12	NEG	CKT 39
		P108-13	POS	
		P108-14	NEG	CKT 41



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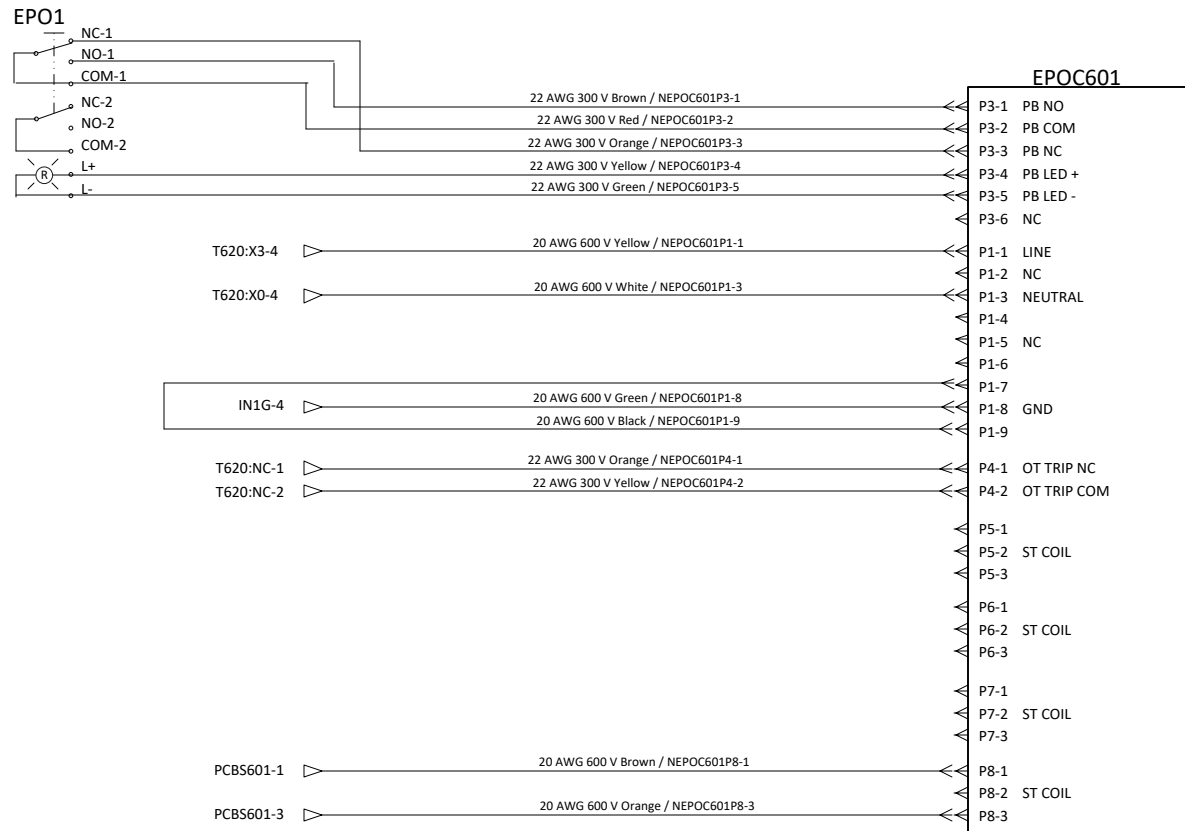
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