

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

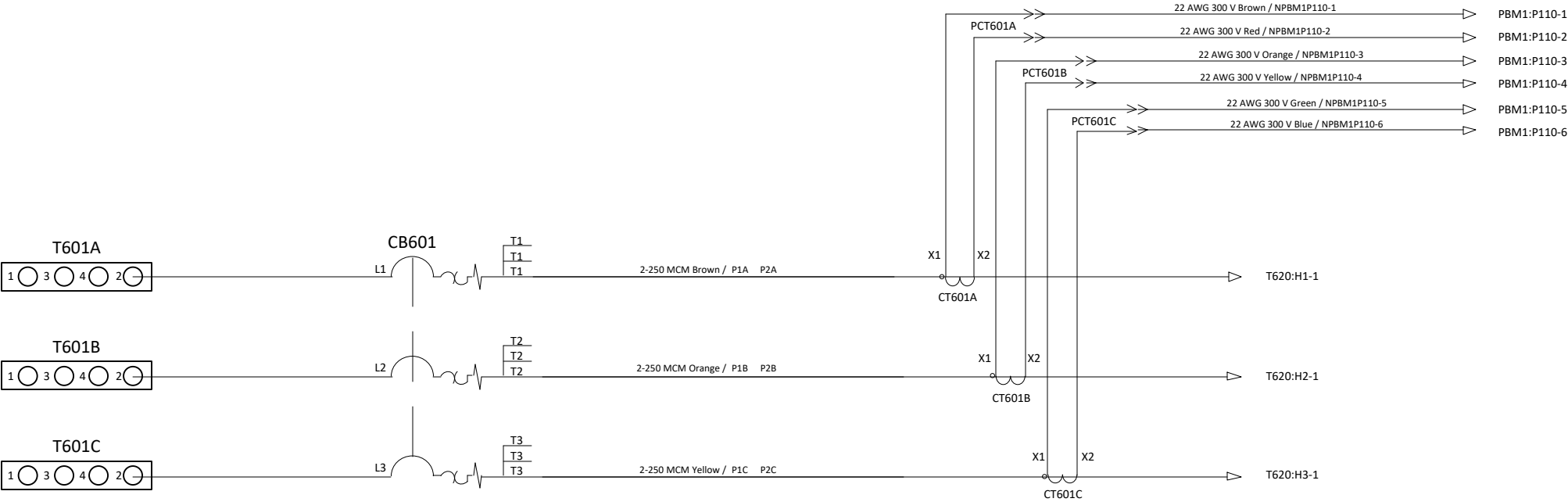
YELLOW FOR J WIRE



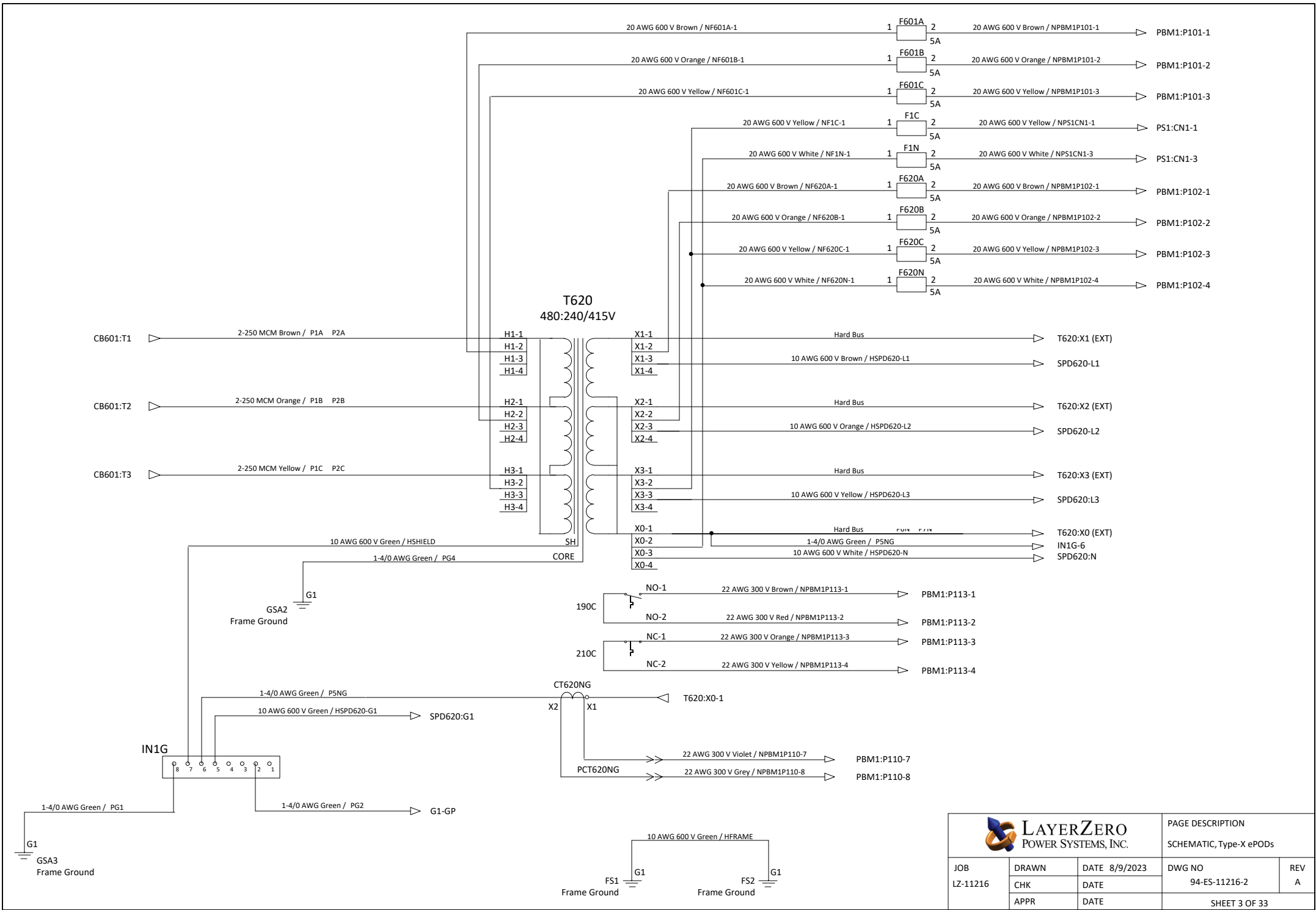
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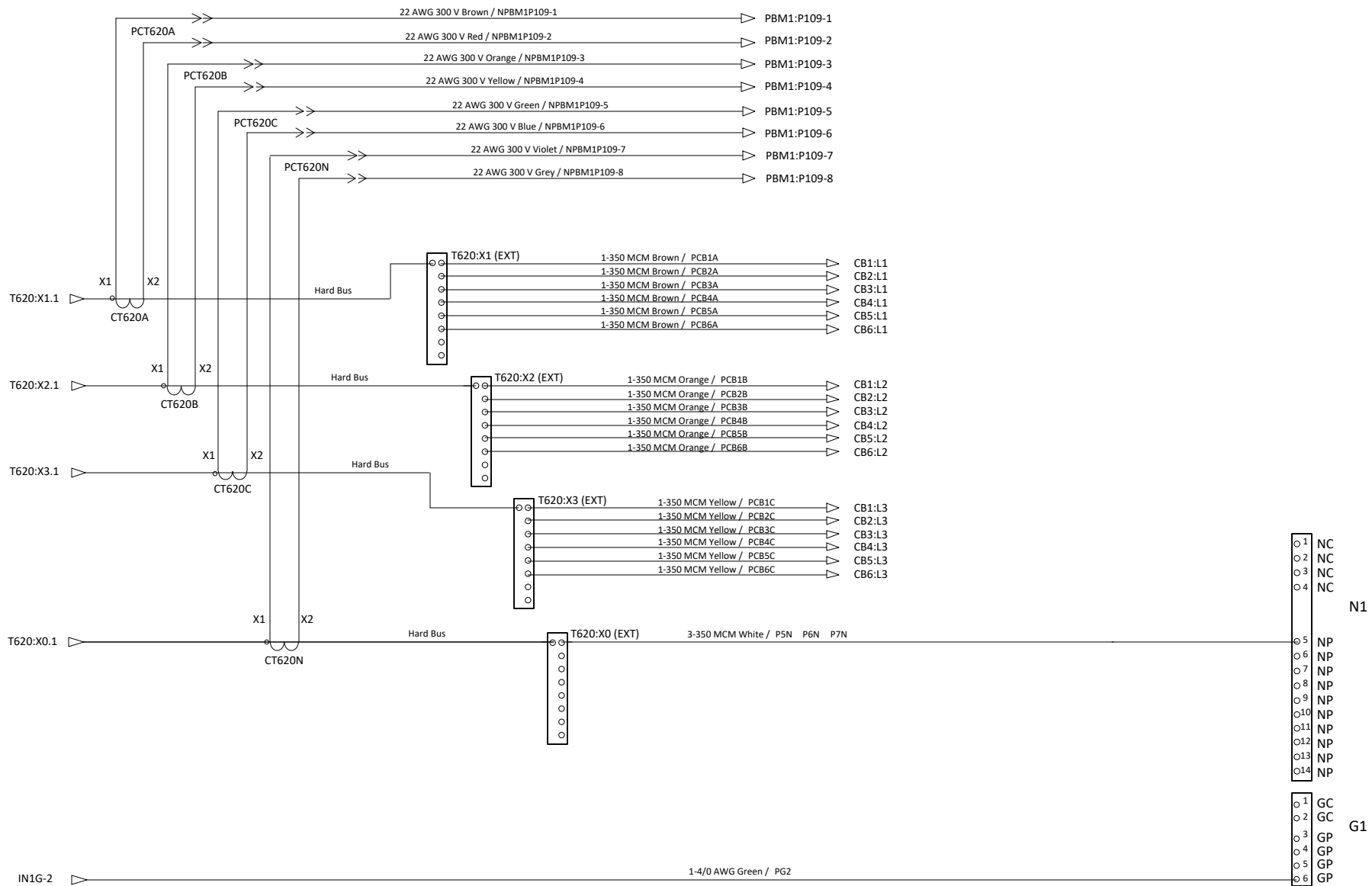
480V, 3-Phase, 3-Wire + Ground



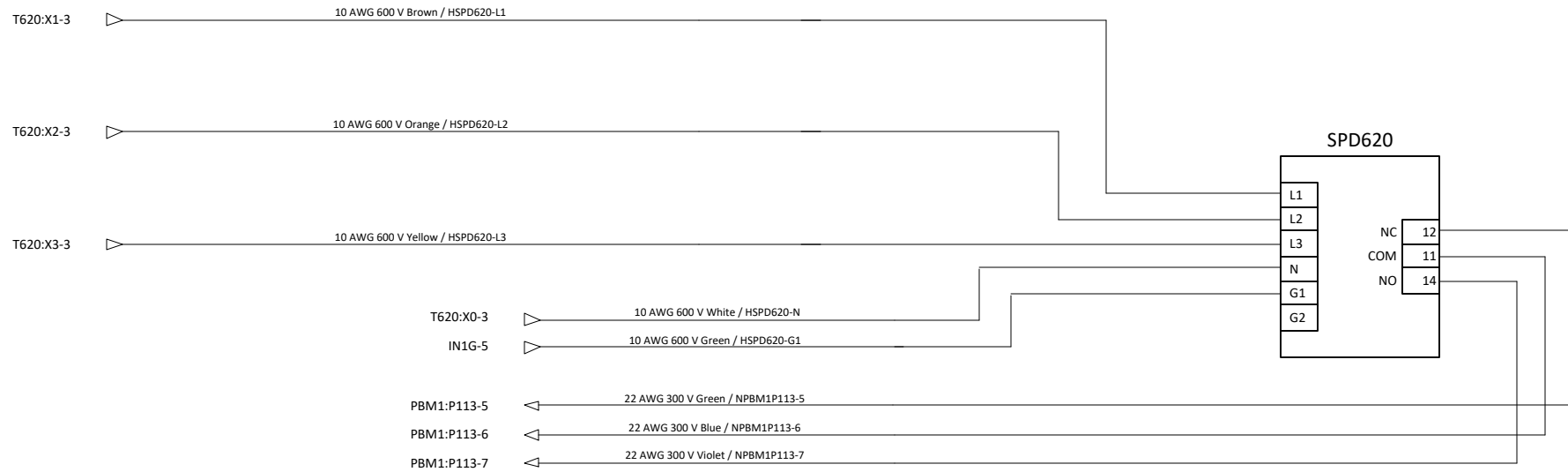
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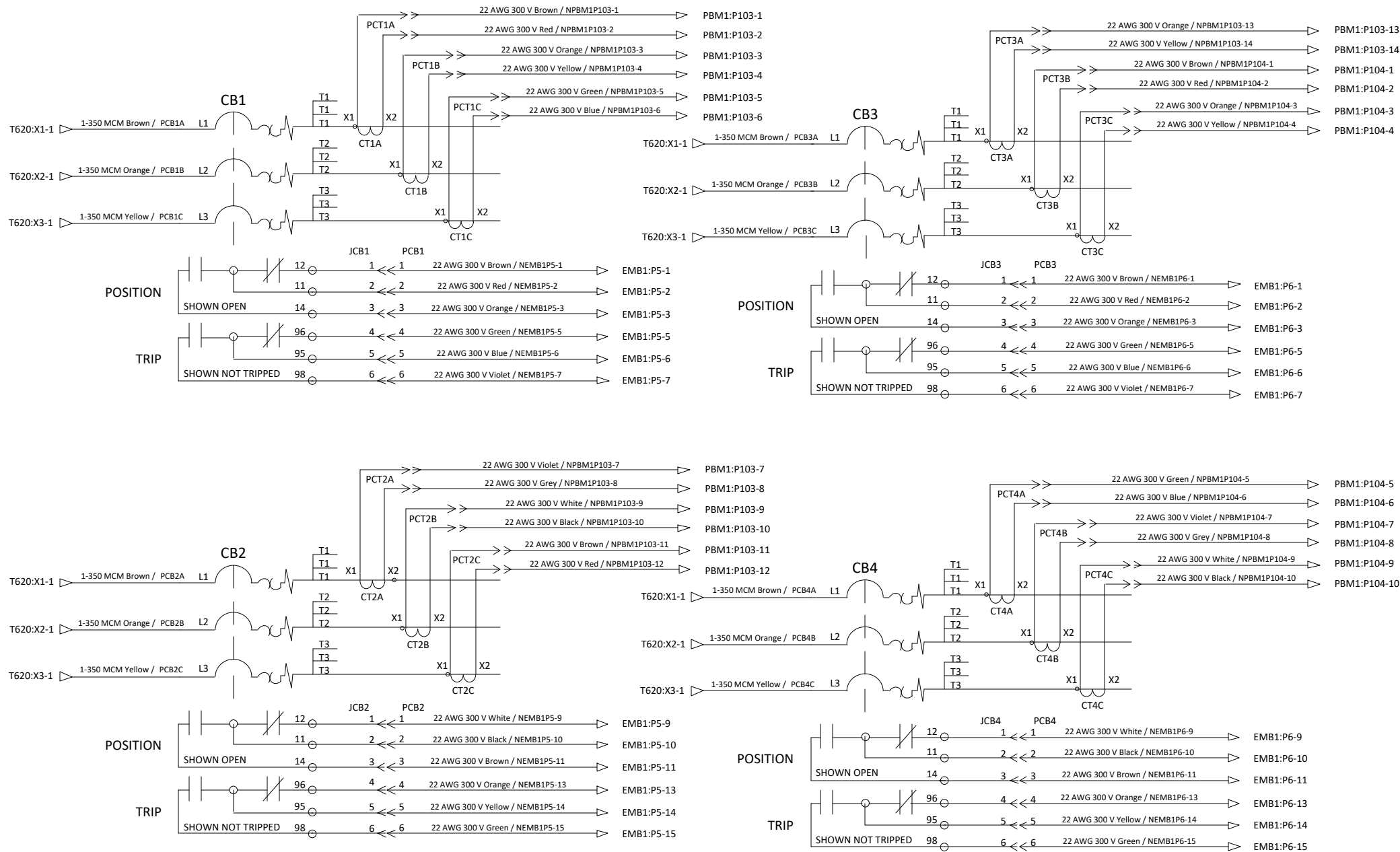


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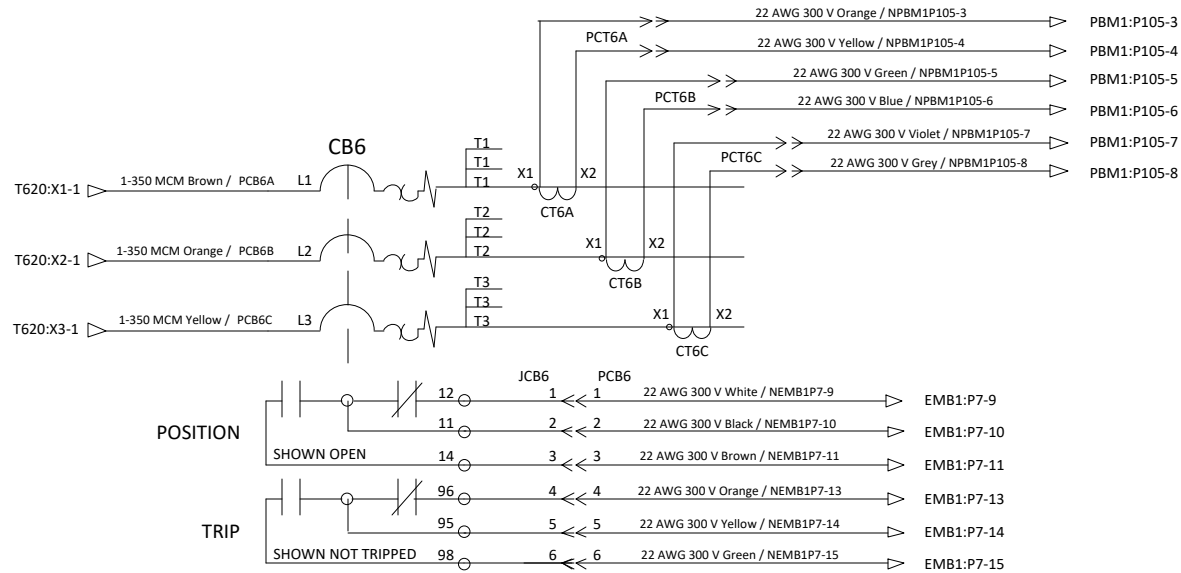
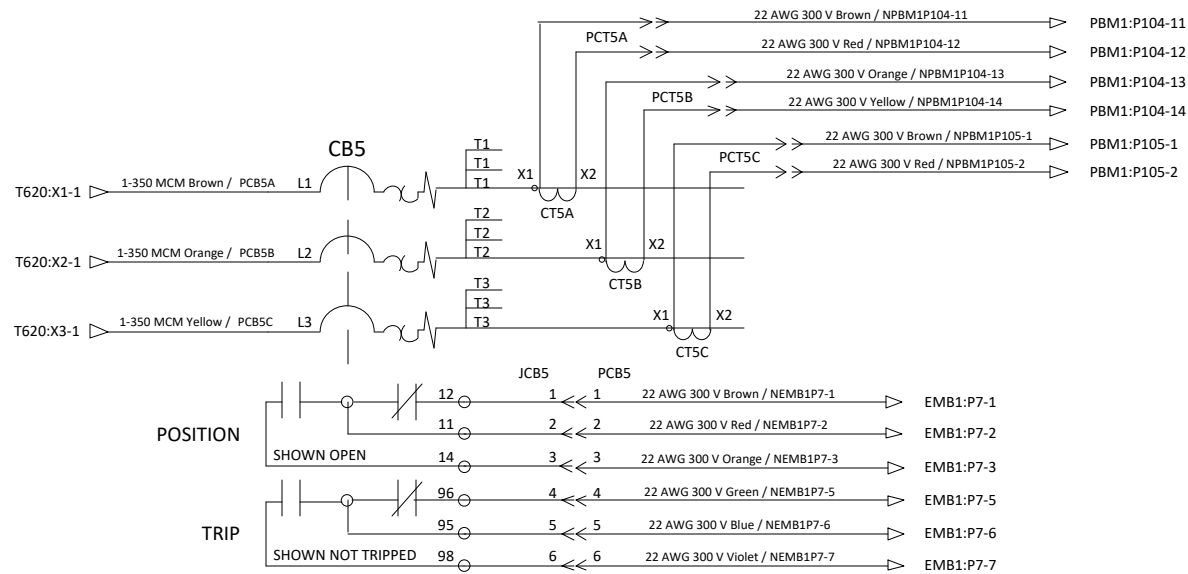


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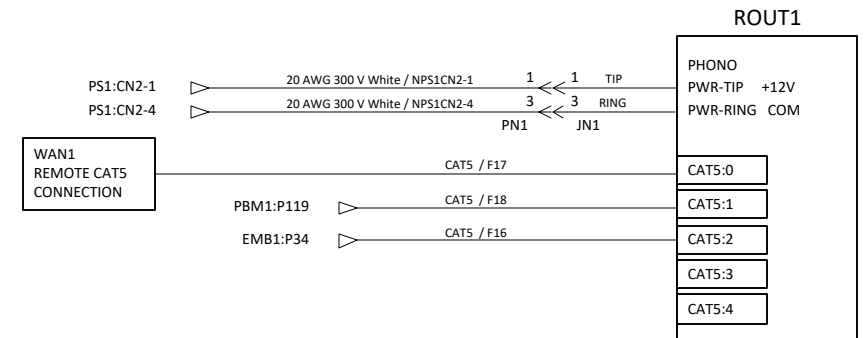
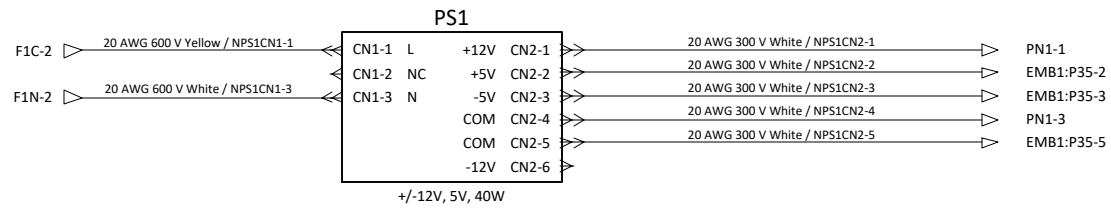
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PBM1 PART 2

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	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	



LAYERZERO
POWER SYSTEMS, INC.

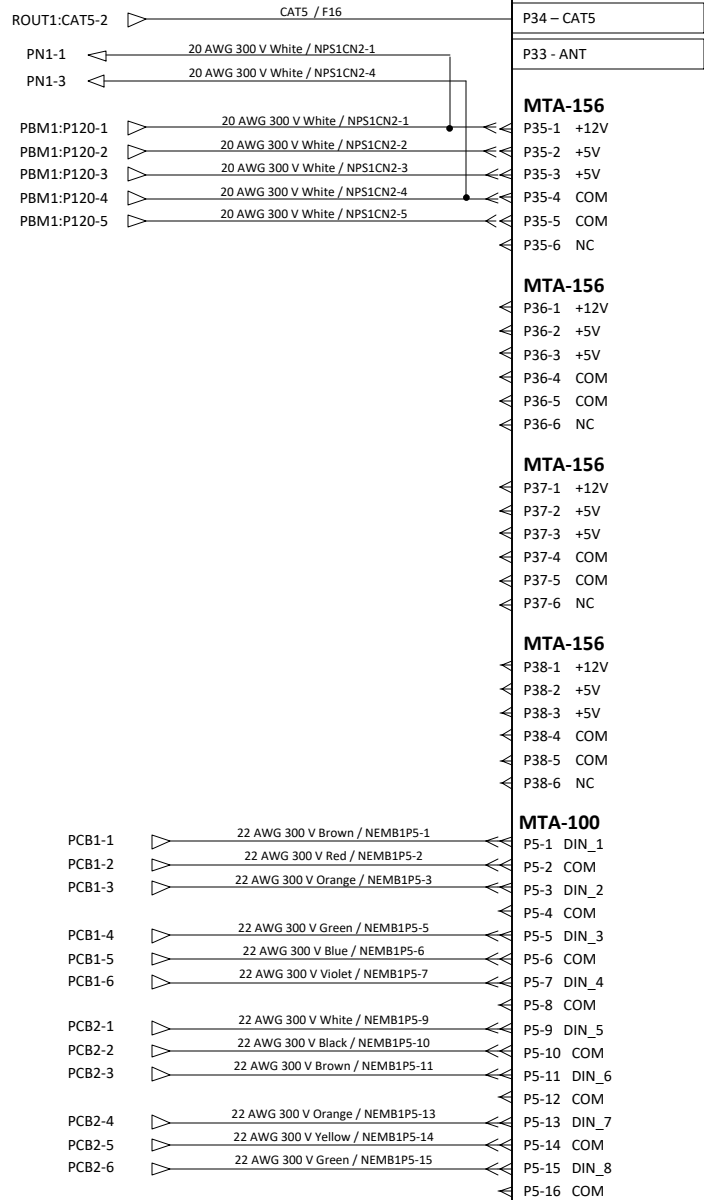
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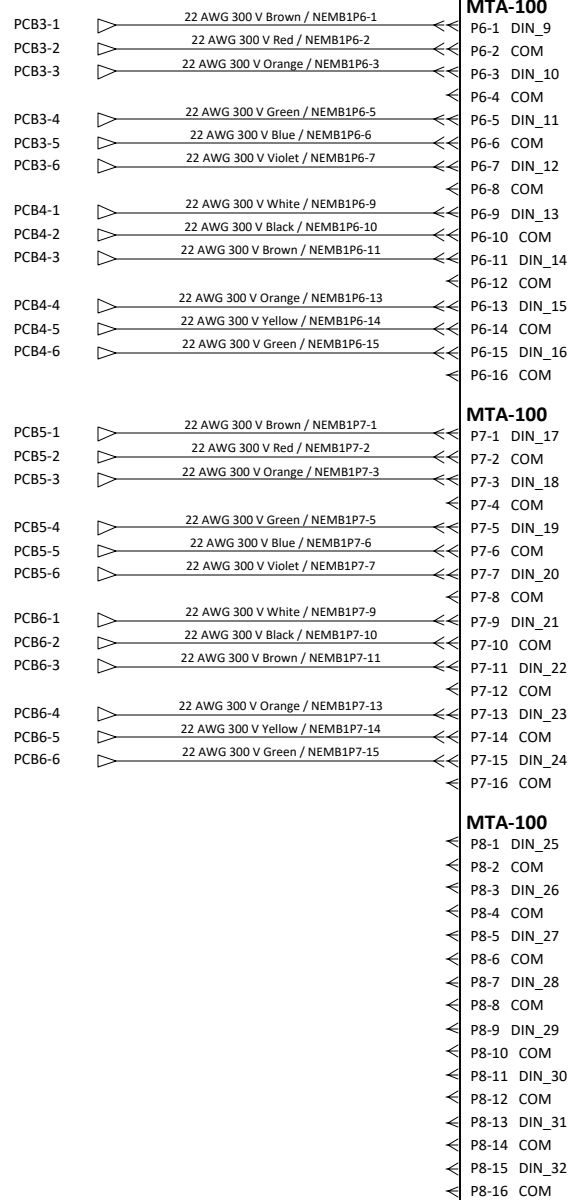
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EMB1 PART 1



EMB1 PART 2



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22 AWG 300 V Brown / NEPOC601P4-1

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