TERRI

FOR ALL TERRAIN

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Terri 4 : Circuit Diagram

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Cover Sheet

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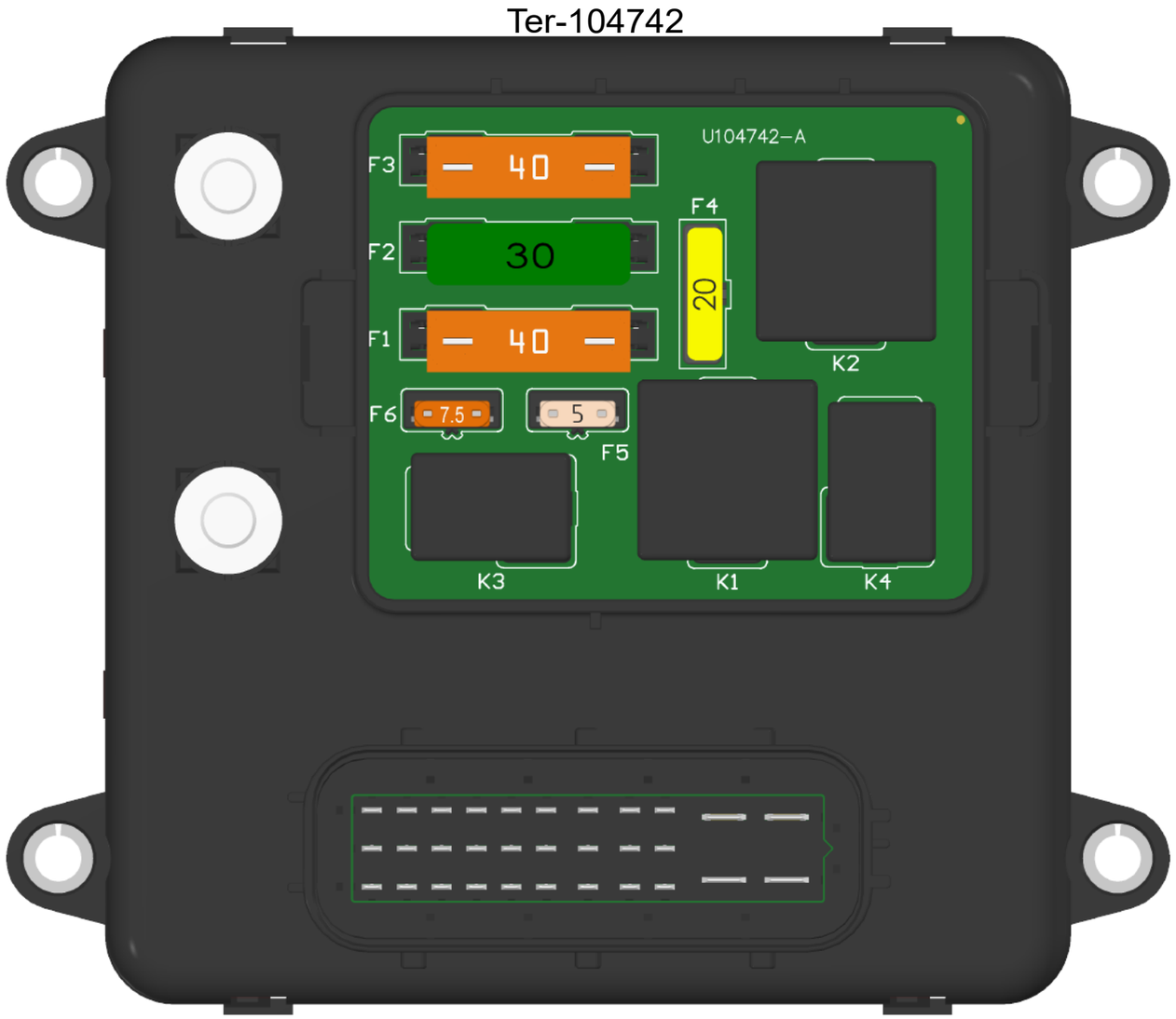
Ter-104742

Fuse	Size	Type	Function
F1	40A	Maxi	Engine ECU Main Power
F2	30A	Maxi	Engine Glow Plugs
F3	40A	Maxi	External Diesel/Hydraulic Fill Pump
F4	20A	Standard	Engine Starter Motor Solenoid
F5	5A	Mini	Low Pressure Fuel Pump Relay
F6	7.5A	Mini	Low Pressure Fuel Pump

Ter-104742

Relay	Type	Function
K1	Mini	Engine ECU Main Power Relay
K2	Mini	Engine Glow Plug Relay
K3	Micro	Low Pressure Fuel Pump Relay
K4	Micro	Engine Starter Motor Solenoid Relay



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Engine Relays & Fuses

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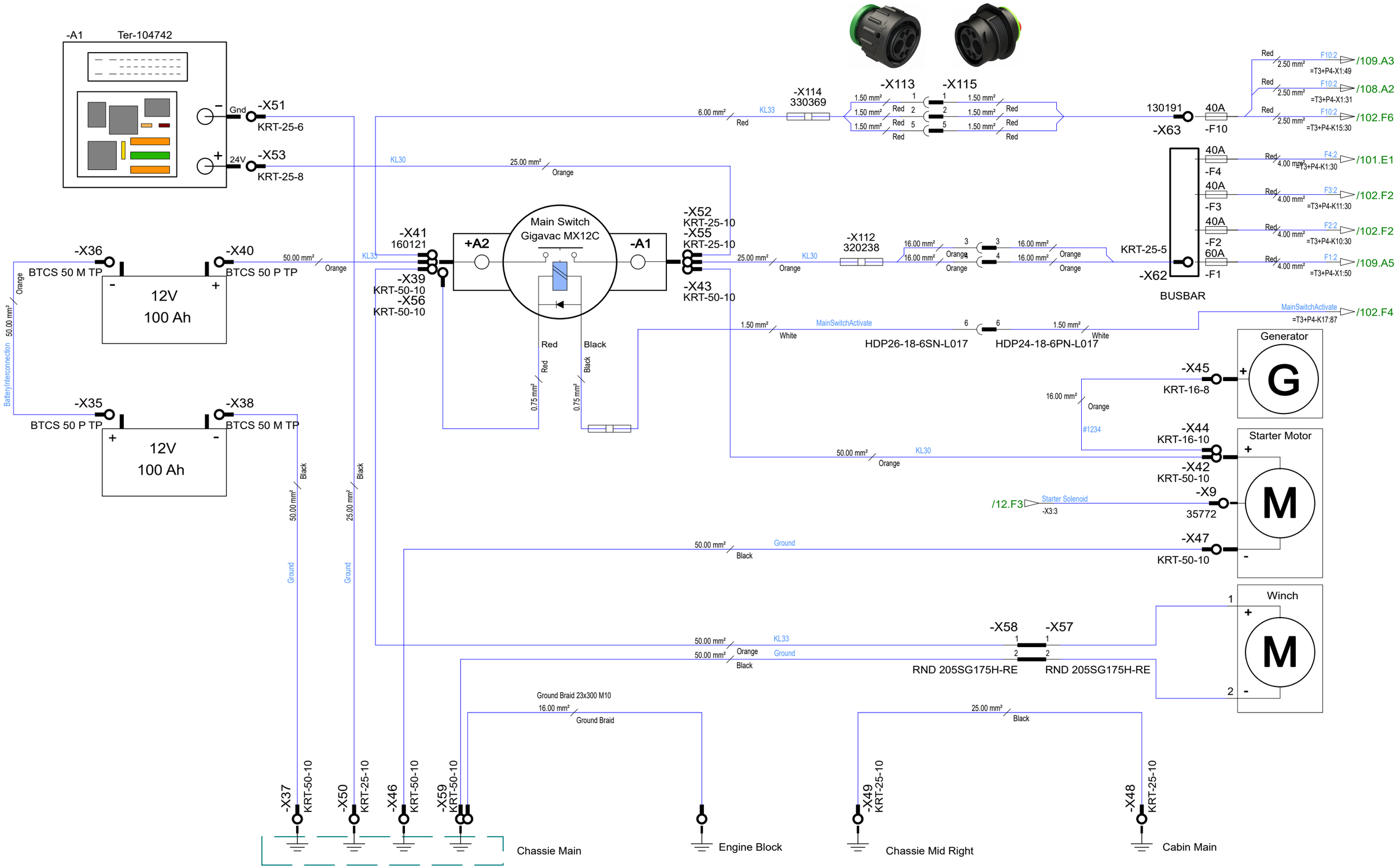

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Power Supply

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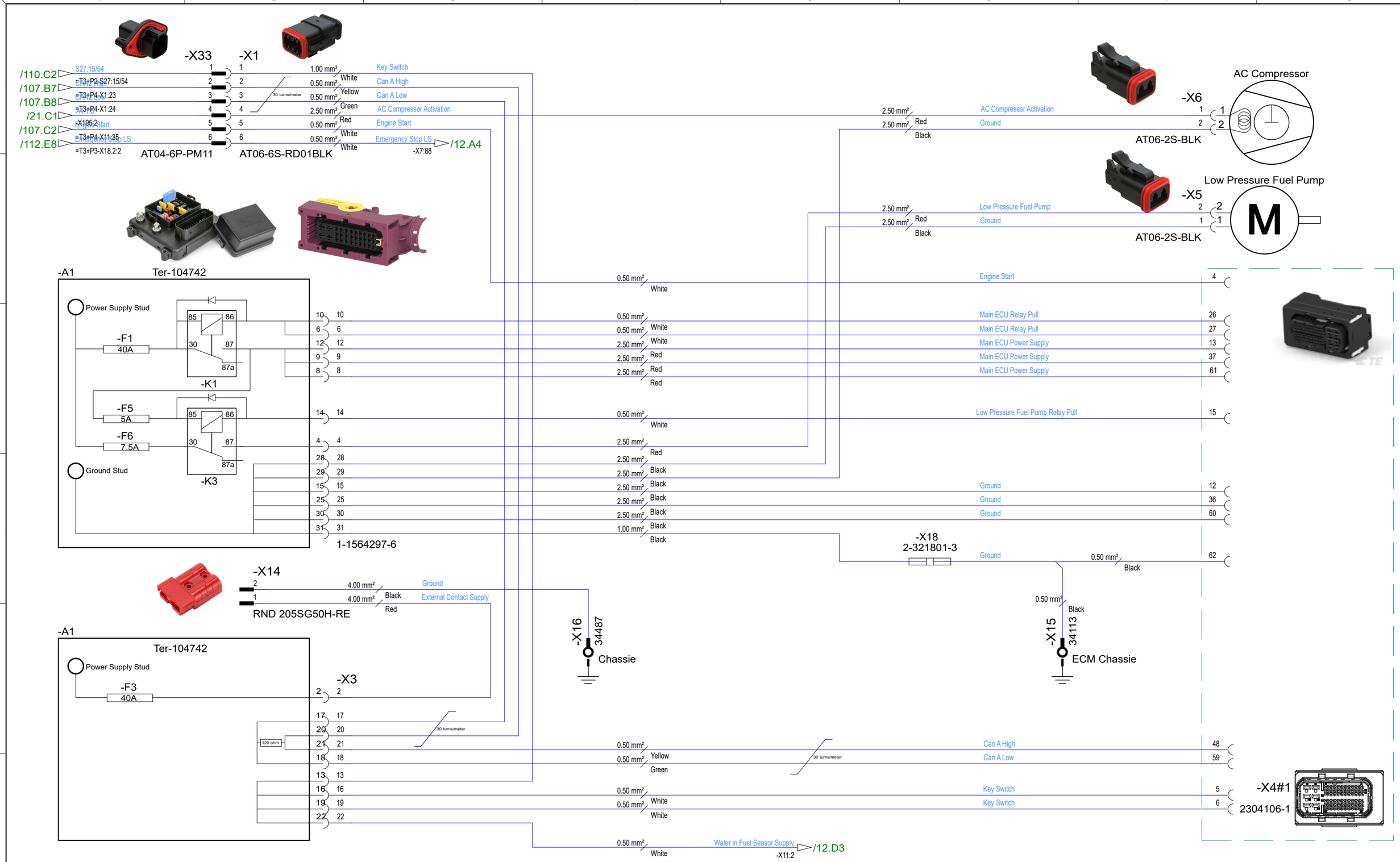

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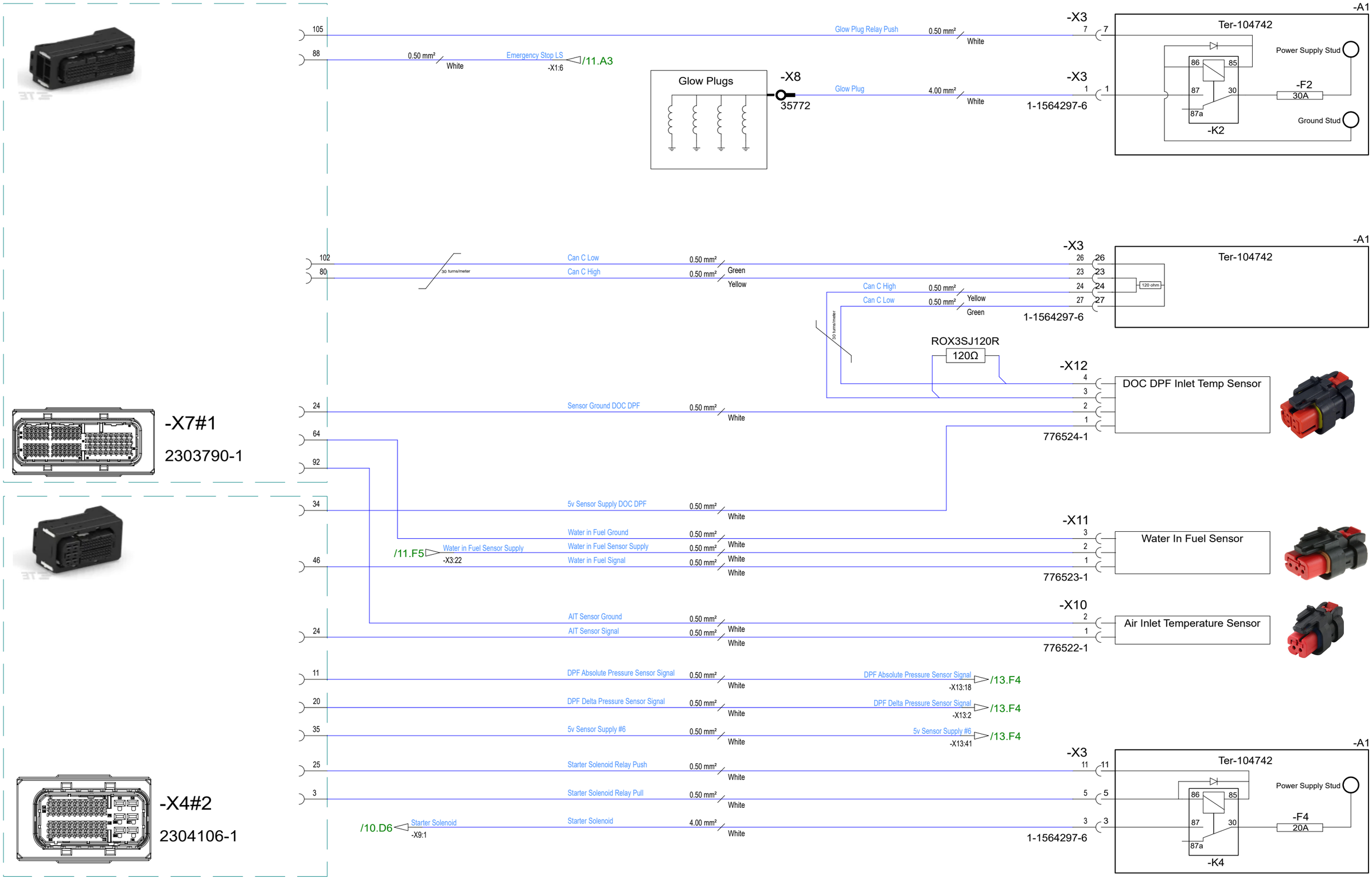

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ECM Auxiliary

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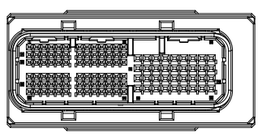
53		1.00 mm²		Injector #1 HS	1
31	30 turns/meter	1.00 mm²	White	Injector #1 LS	34
			White		
78		1.00 mm²		Injector #2 HS	4
79	30 turns/meter	1.00 mm²	White	Injector #2 LS	3
			White		
100		1.00 mm²		Injector #3 HS	5
101	30 turns/meter	1.00 mm²	White	Injector #3 LS	15
			White		
54		1.00 mm²		Injector #4 HS	6
32	30 turns/meter	1.00 mm²	White	Injector #4 LS	7
			White		
94		1.00 mm²		Fuel Pump Control Valve HS	40
72	30 turns/meter	1.00 mm²	White	Fuel Pump Control Valve LS	39
			White		
29		1.00 mm²		Throttle Valve HS	43
51	30 turns/meter	1.00 mm²	White	Throttle Valve LS	42
			White		
73		1.00 mm²		NRS Valve HS	25
95	30 turns/meter	1.00 mm²	White	NRS Valve LS	12
			White		
52		1.00 mm²		Wastegate Valve HS	28
30	30 turns/meter	1.00 mm²	White	Wastegate Valve LS	29
			White		

-X17
2-321801-3

9	0.50 mm²					
10	0.50 mm²	White		Fuel Rail Pressure Sensor Signal	32
58		White	30 turns/meter	0.50 mm²	White	Fuel Rail Pressure Sensor Return	38
					White		
84				0.50 mm²		Crankshaft Speed Sensor Signal	36
106			30 turns/meter	0.50 mm²	White	Crankshaft Speed Sensor Return	37
					White		
108				0.50 mm²		Camshaft Speed Sensor Signal	21
107			30 turns/meter	0.50 mm²	White	Camshaft Speed Sensor Return	23
					White		
17				0.50 mm²		Fuel Temperature Sensor	47
63				0.50 mm²	White	Fuel Temperature Sensor Return	16
36				0.50 mm²	White	Fuel Rail Pressure Sensor 5v Supply	26
67				0.50 mm²	White	Crankshaft Speed Sensor Supply	13
44				0.50 mm²	White	Oil Pressure (STG)	22
45				0.50 mm²	White	Oil Pressure Switch Return	17
5				0.50 mm²	White	Coolant Temperature Sensor	9
70				0.50 mm²	White	Sensor Return #1	11
91				0.50 mm²	White	Sensor Return #2	24
38				0.50 mm²	White	Intake MAT Sensor Signal	20
69				0.50 mm²	White	5v Sensor Supply #3	14
1				0.50 mm²	White	Intake MAP Sensor Signal	35
61				0.50 mm²	White	Pre Cooler NRS Temp Sensor Signal	8
62				0.50 mm²	White	Post Cooler NRS Temp Sensor Signal	19
40				0.50 mm²	White	NRS Absolute Pressure Sensor Signal	46
15				0.50 mm²	White	NRS Delta Pressure Sensor Signal	33
90				0.50 mm²	White	Inlet Throttle Valve Return	10
2				0.50 mm²	White	Inlet Throttle Valve Position	45
89				0.50 mm²	White	Sensor Return #6	44
20				0.50 mm²	White	NRS Valve Position	31
41				0.50 mm²	White	5v Sensor Supply #1	27
21				0.50 mm²	White	Turbo Wastegate Valve Position	30
					White		
				0.50 mm²		DPF Absolute Pressure Sensor Signal	18
/12.E6 -X4:11				0.50 mm²	White	DPF Delta Pressure Sensor Signal	2
/12.E6 -X4:20				0.50 mm²	White	5v Sensor Supply #6	41
/12.E6 -X4:35					White		



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-X13#1

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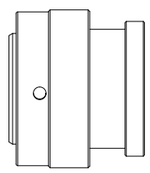

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ECM Engine Interface

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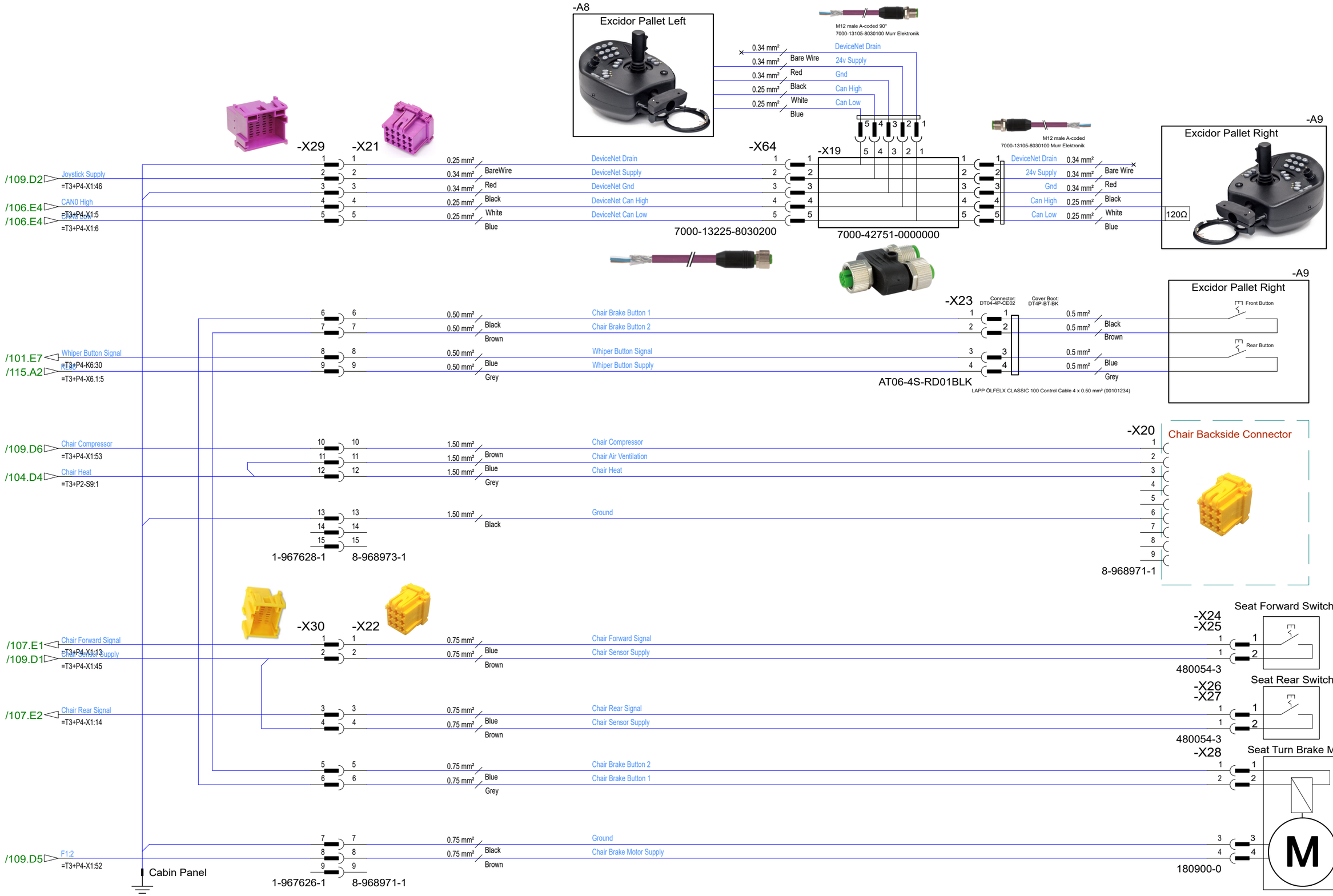

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TERRI FOR ALL TERRAIN

Chair

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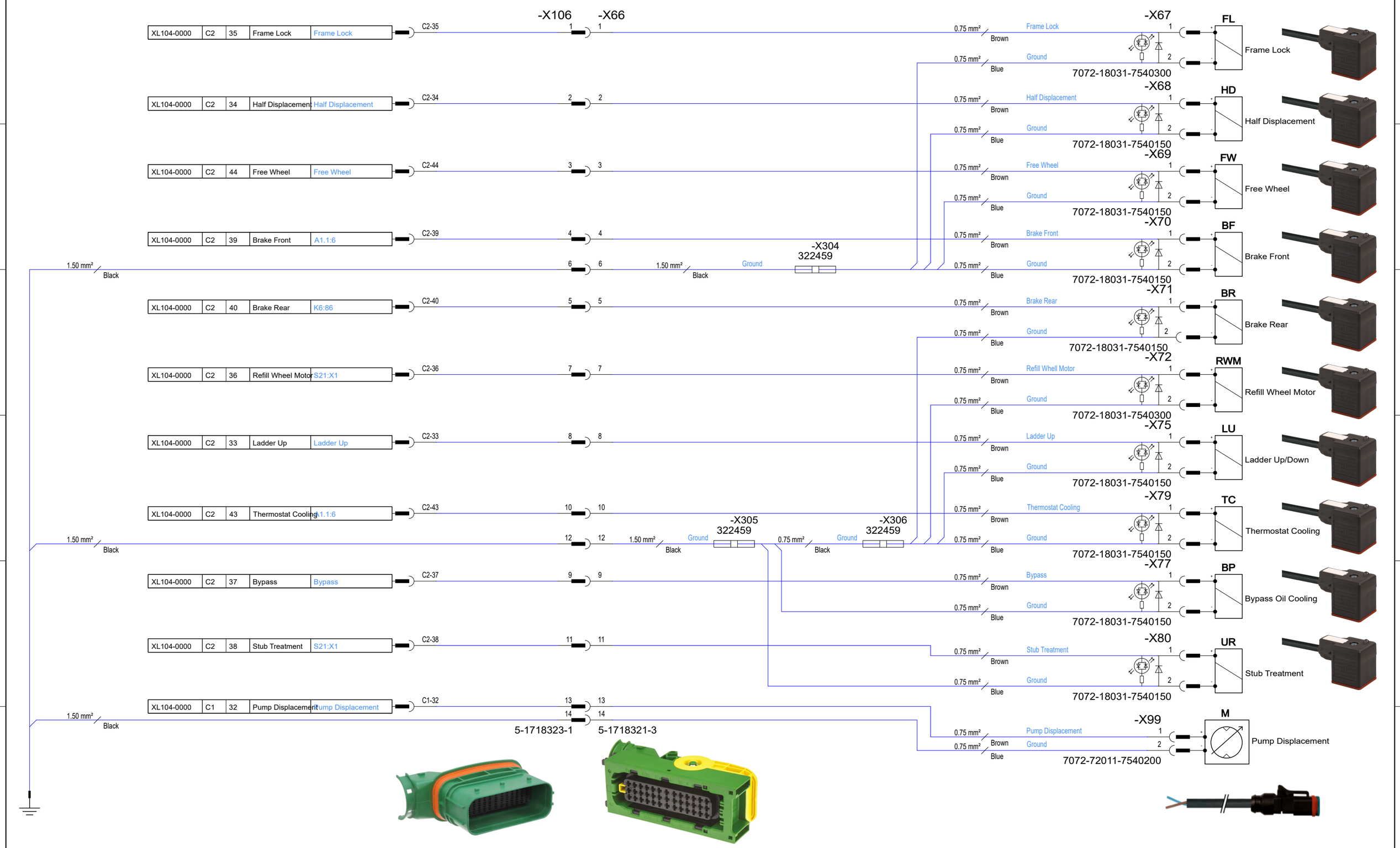

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Hydraulic Valves

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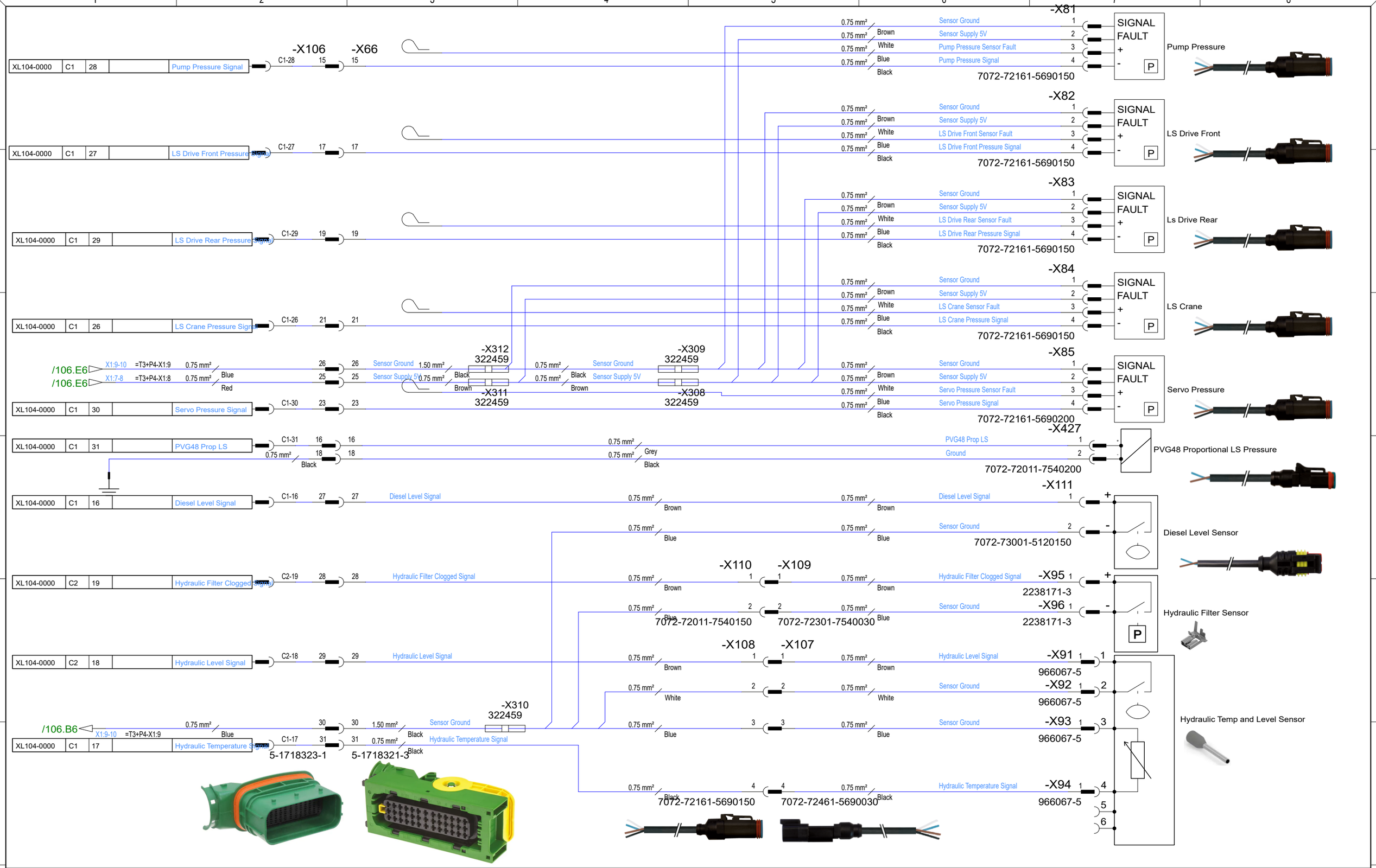

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Hydraulic Sensors

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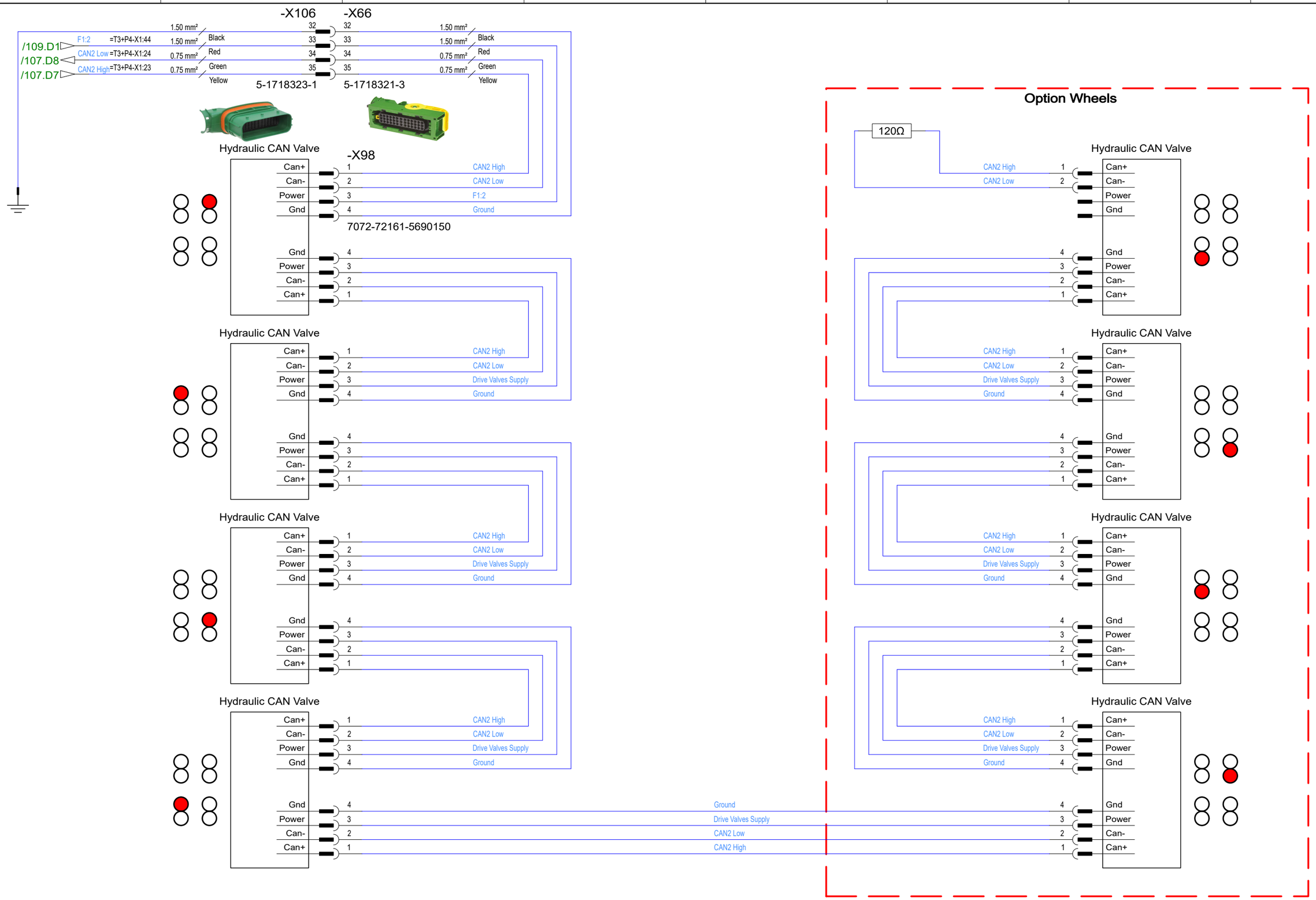

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Drive Valves

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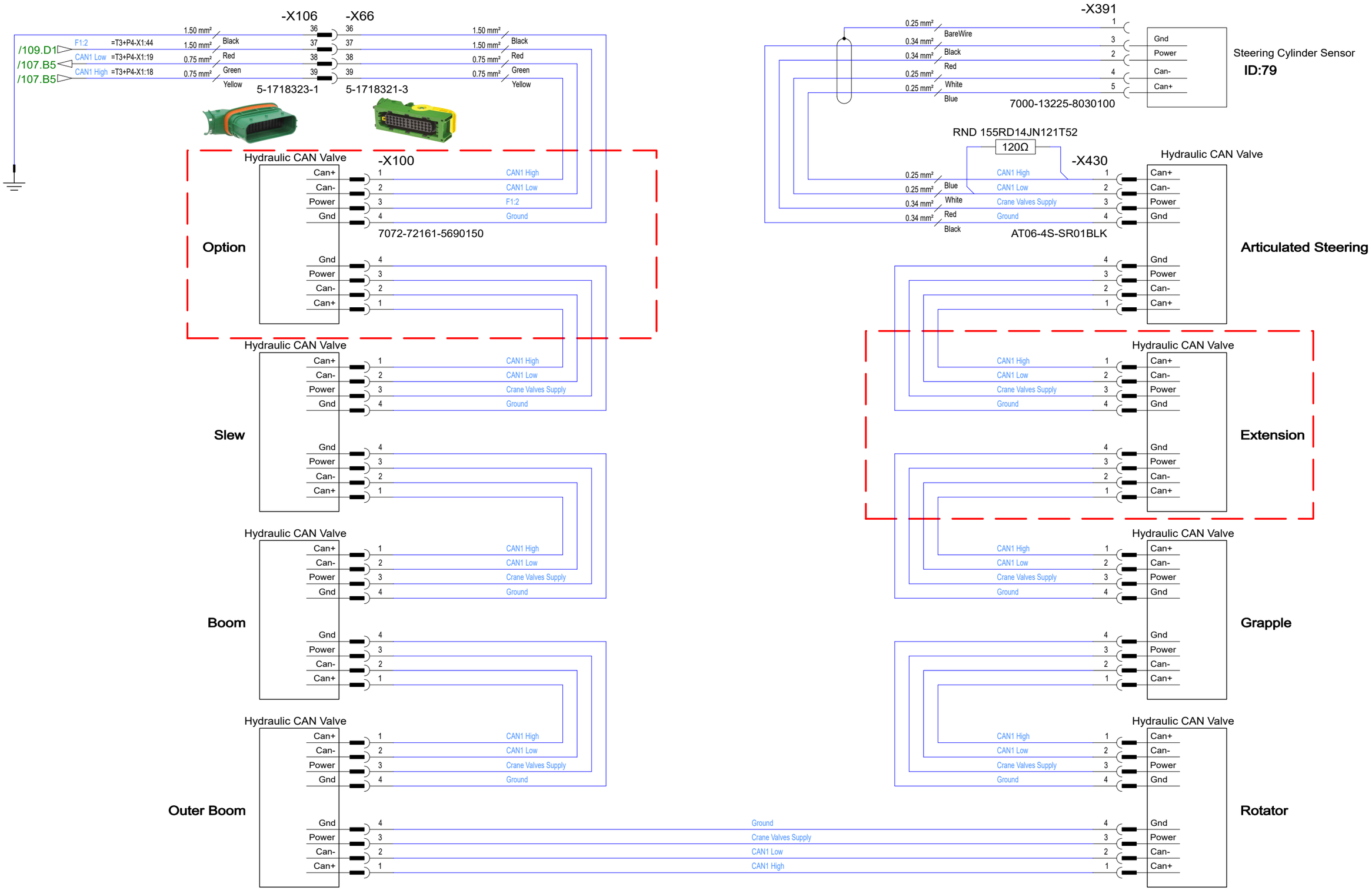

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Pump Pressure

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Crane Valves

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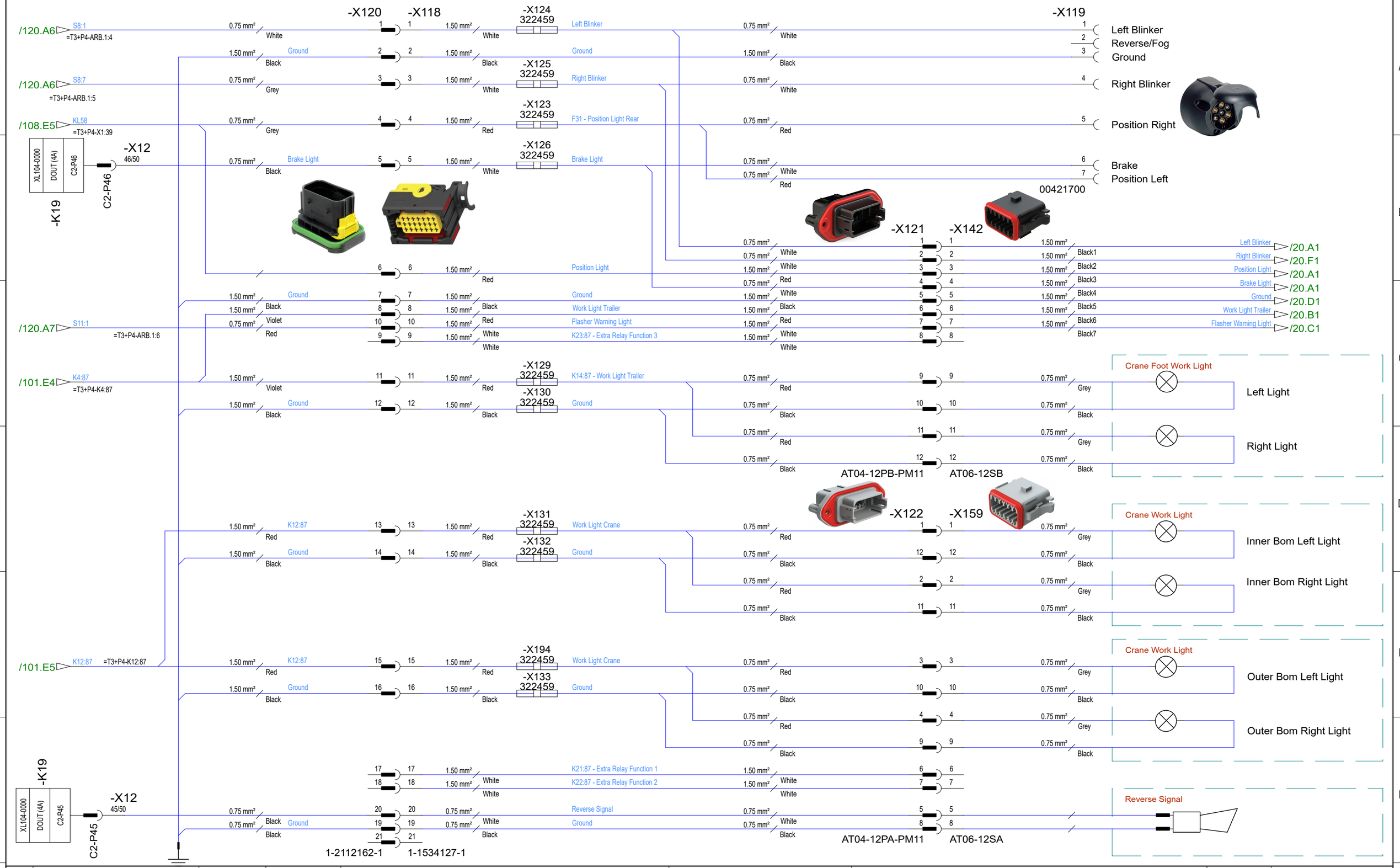

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Rear Connector

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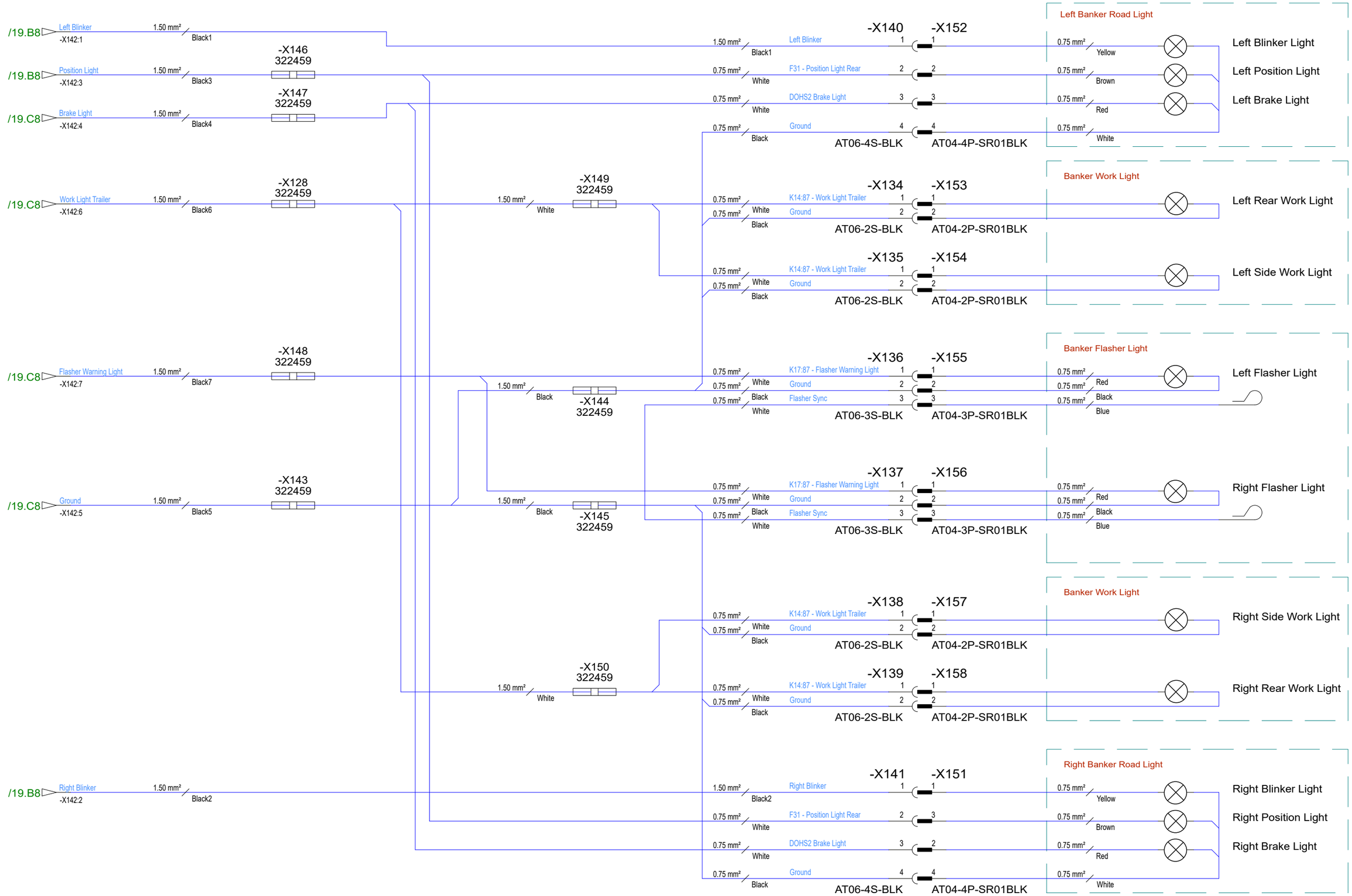

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Banker Lights

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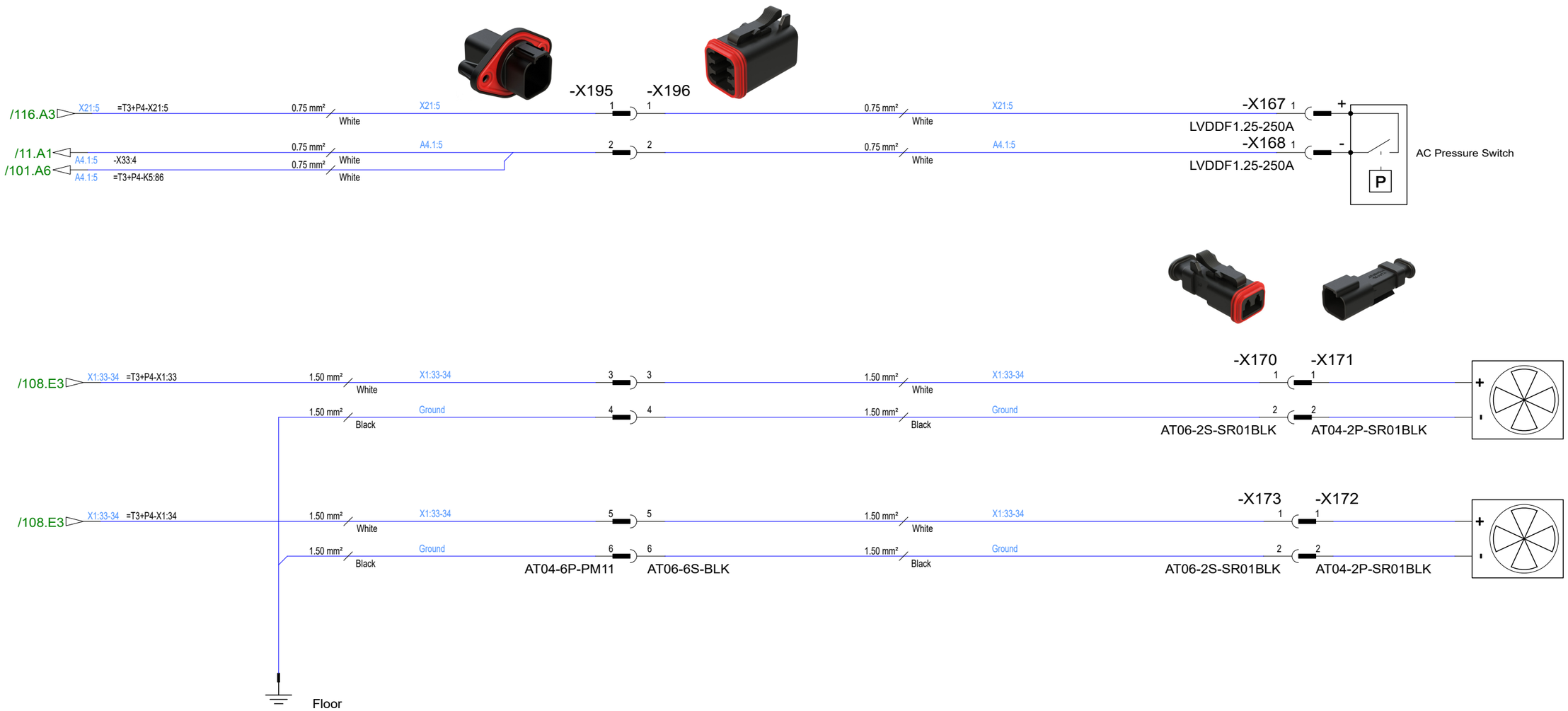

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AC Condenser

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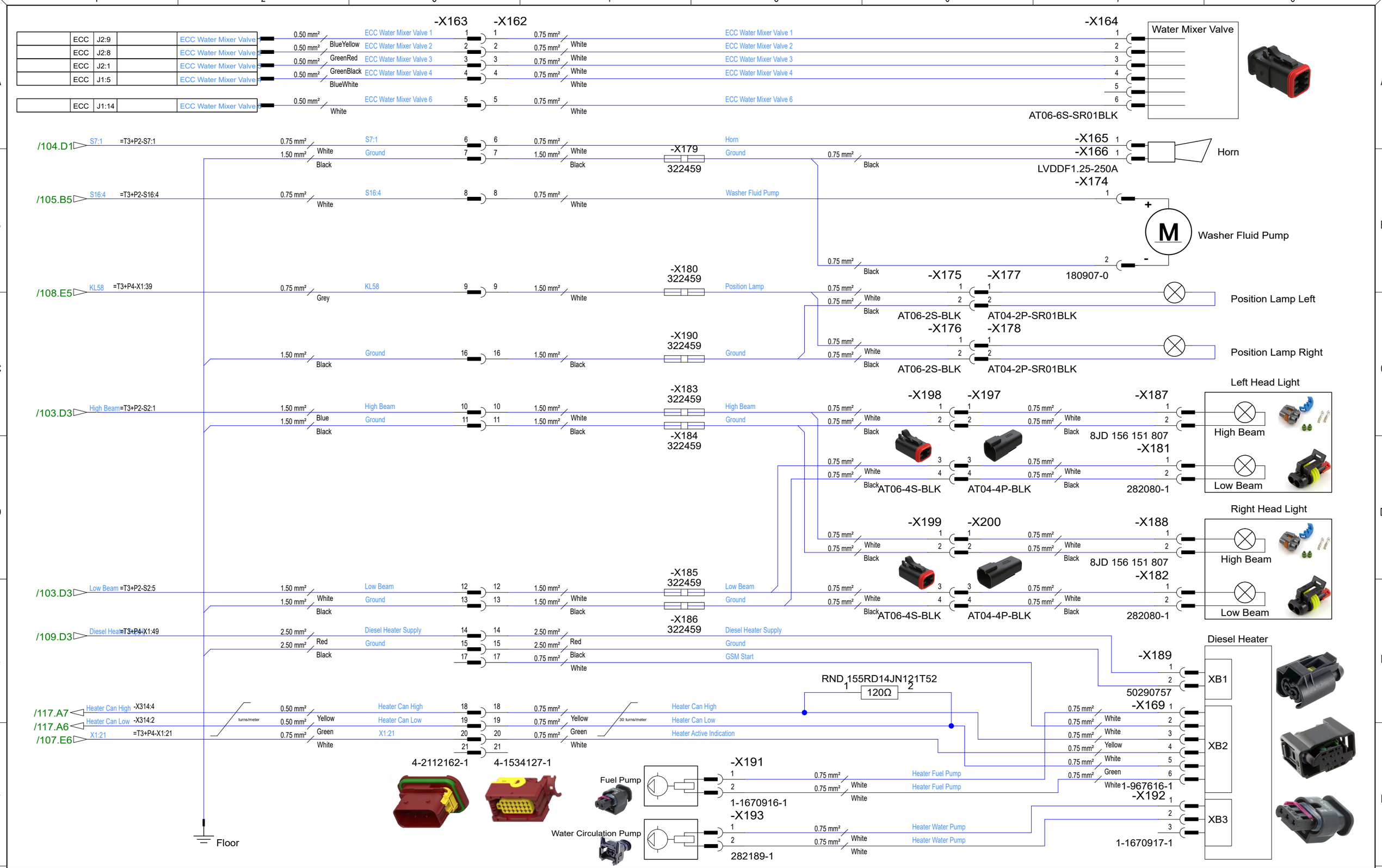

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Front Lights

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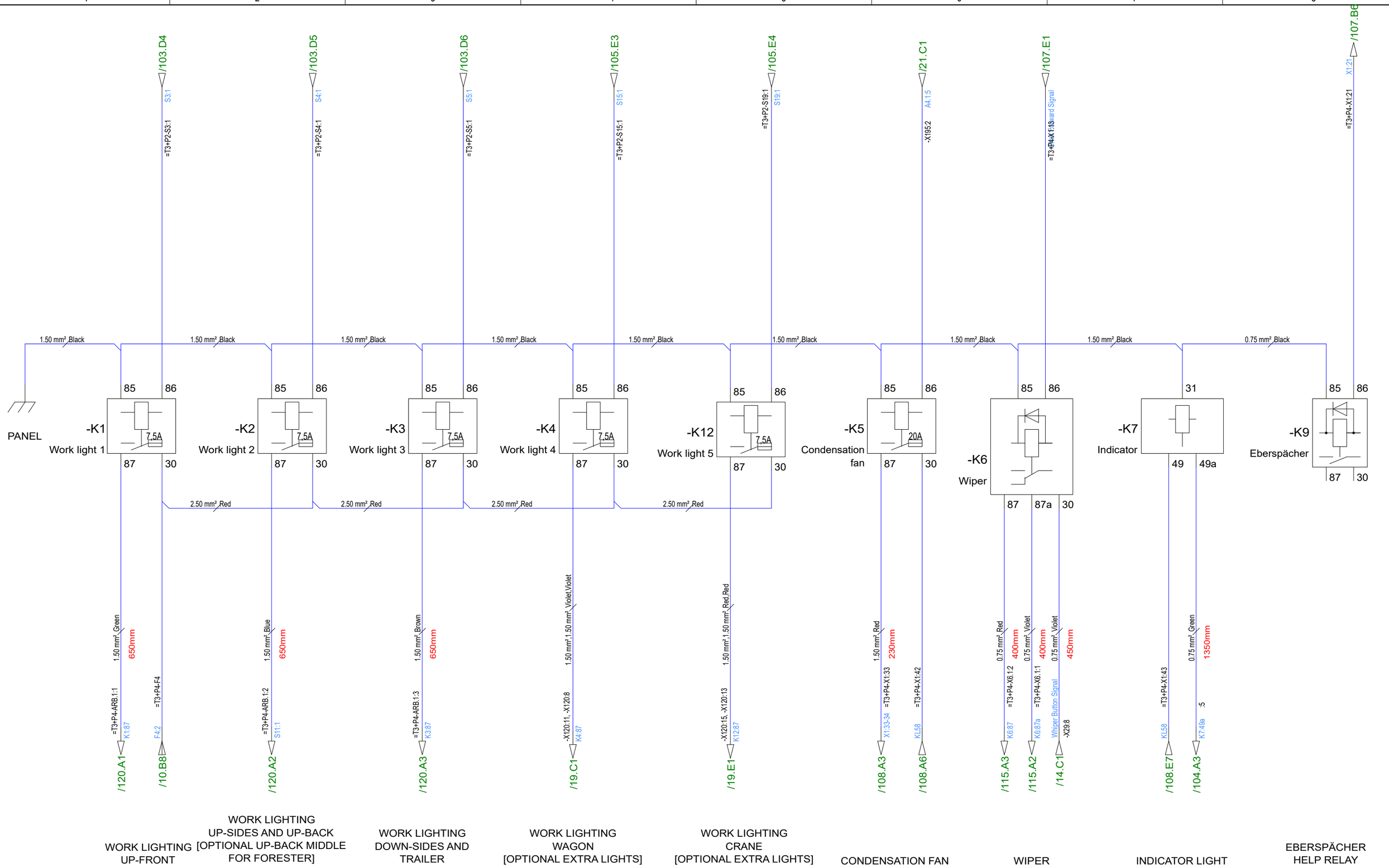

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Relays K1-K9

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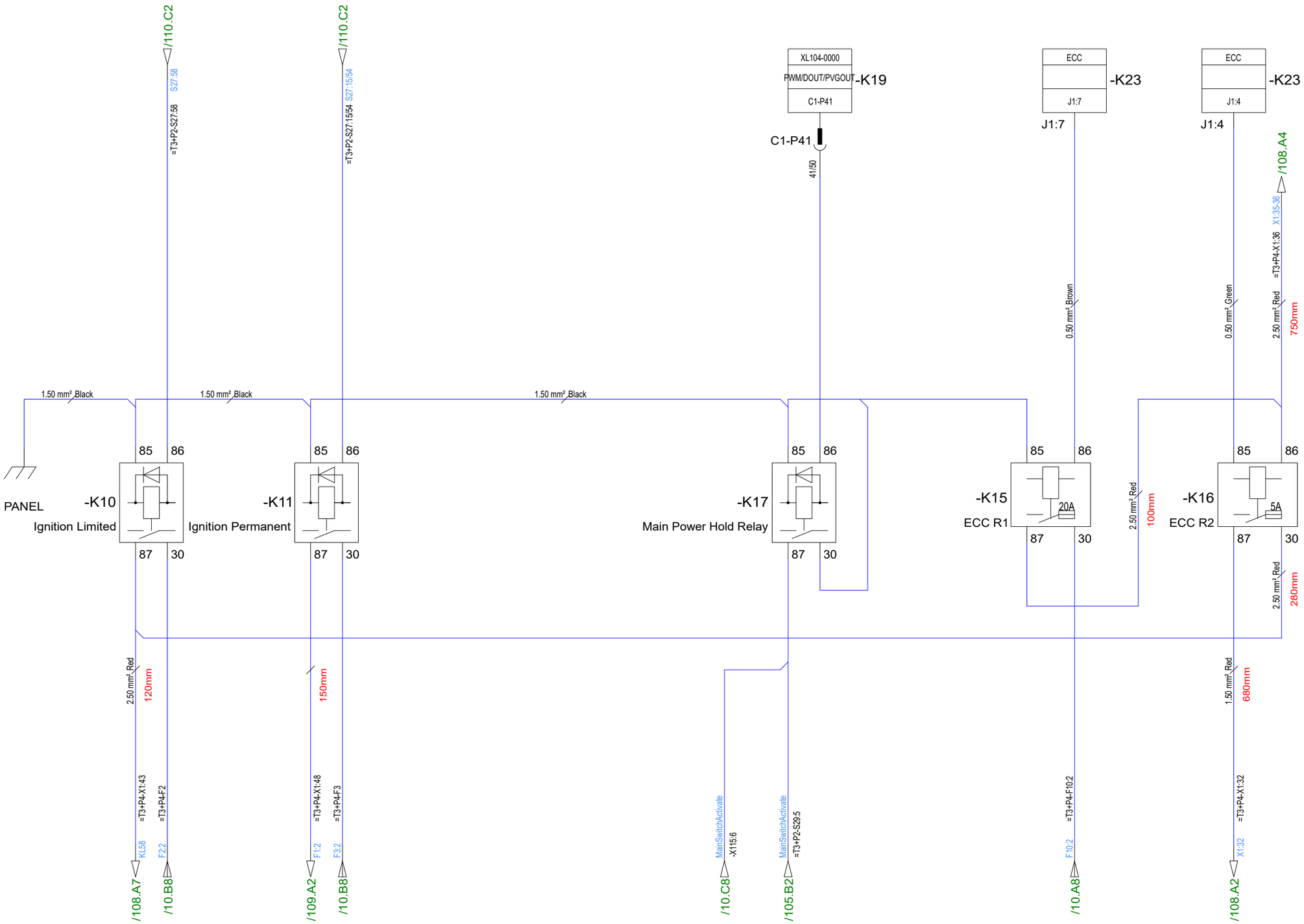

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Relays K10-K16

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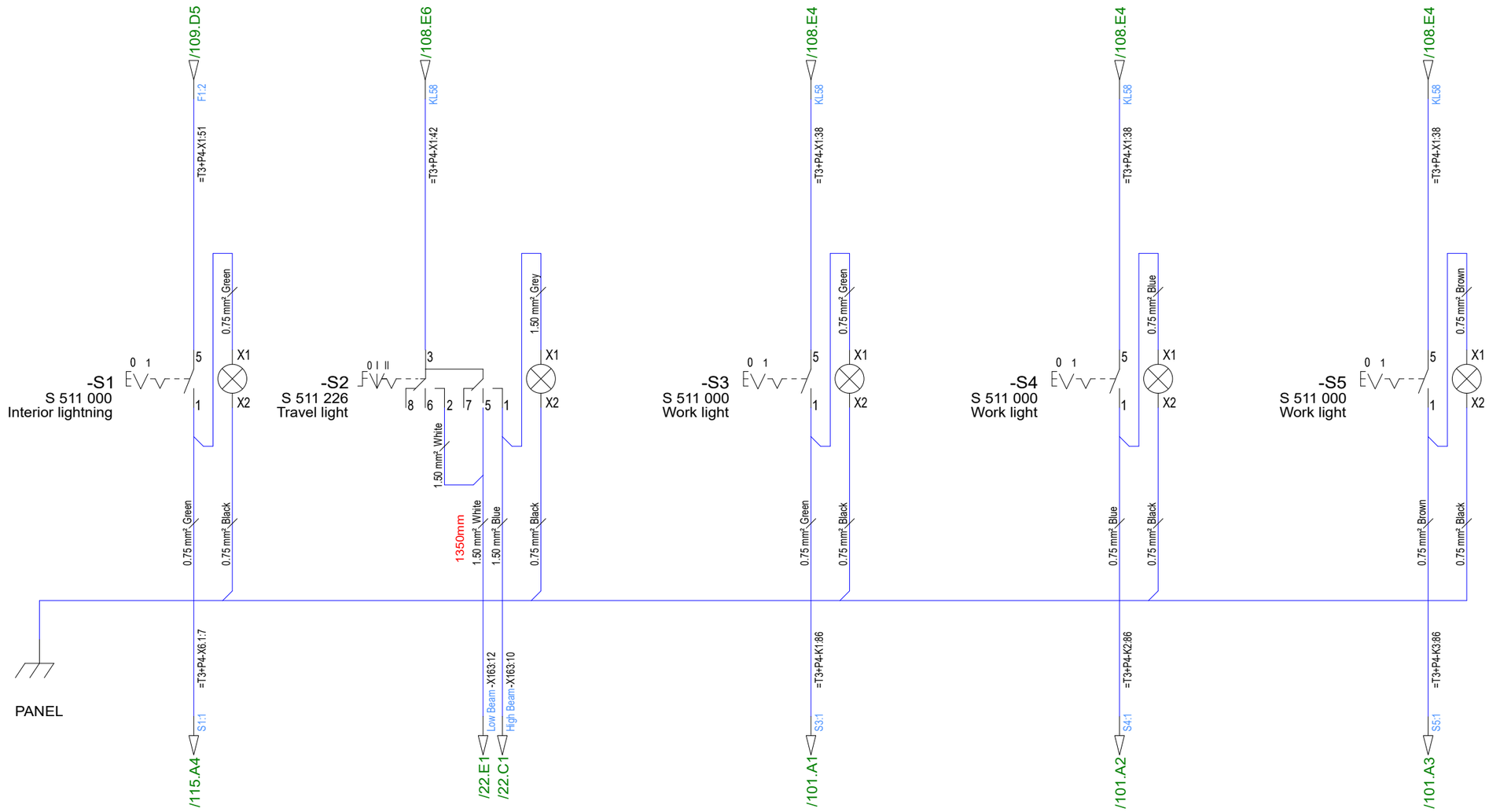

INTERIOR LIGHTNING

TRAVEL LIGHT

WORK LIGHTING
FRONT AND BACK

WORK LIGHTING
SIDES AND
[OPTIONAL BACK]

WORK LIGHTING
CAB SIDE DOWN AND
SIDES

SPARE

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Switches S1-S5

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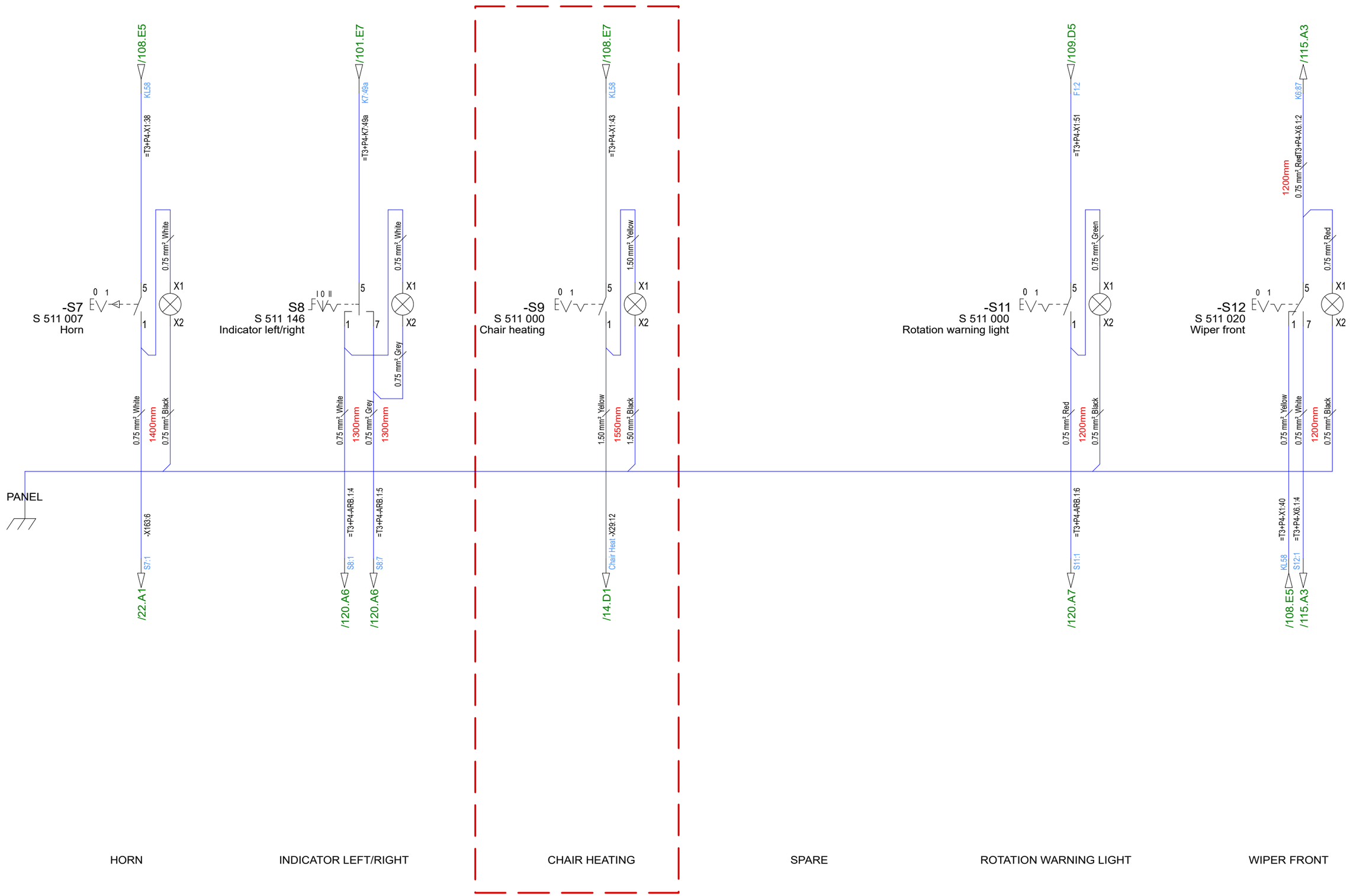

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Switches S7-S12

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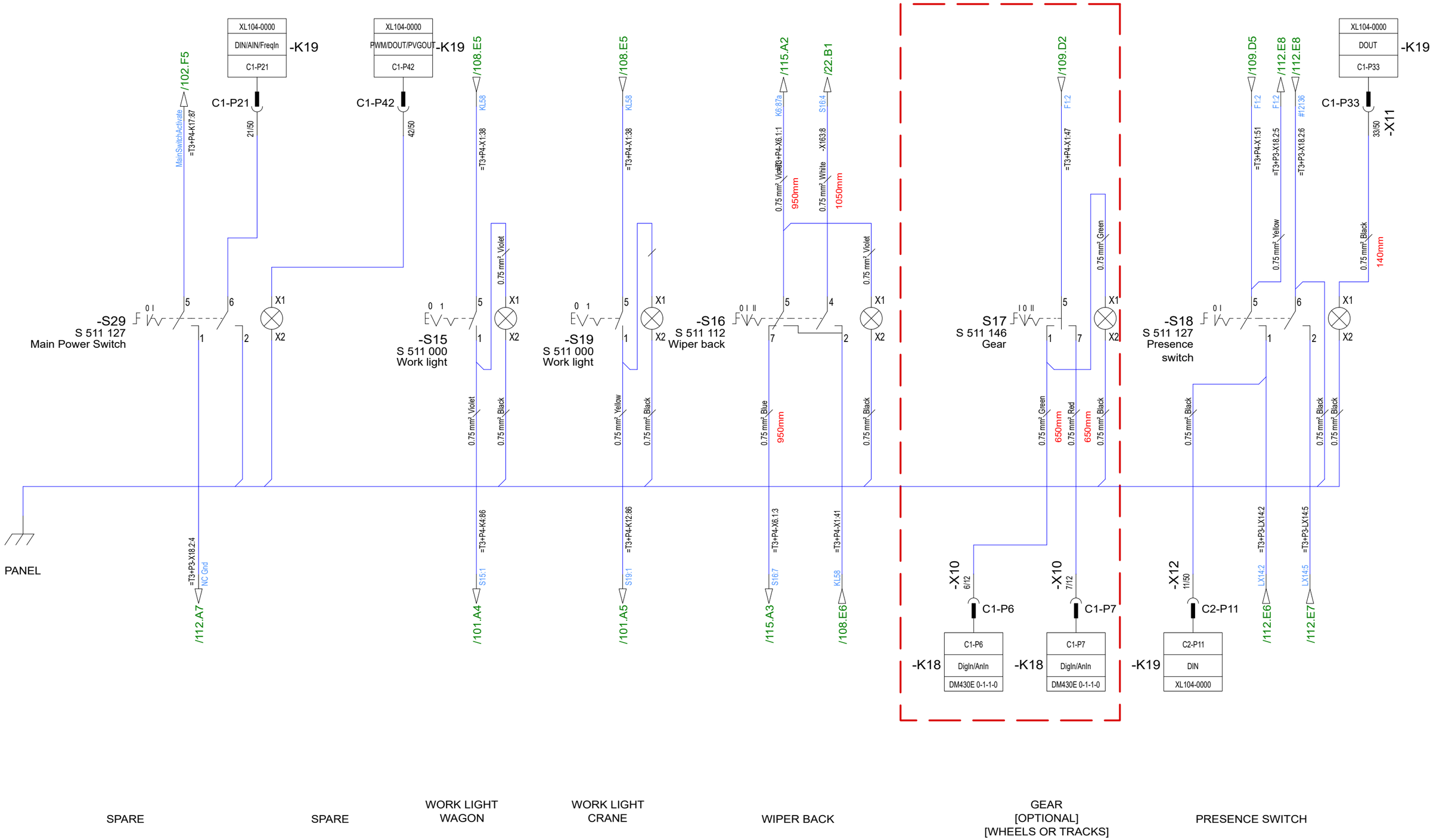

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TERRI FOR ALL TERRAIN

Switches S15-S18

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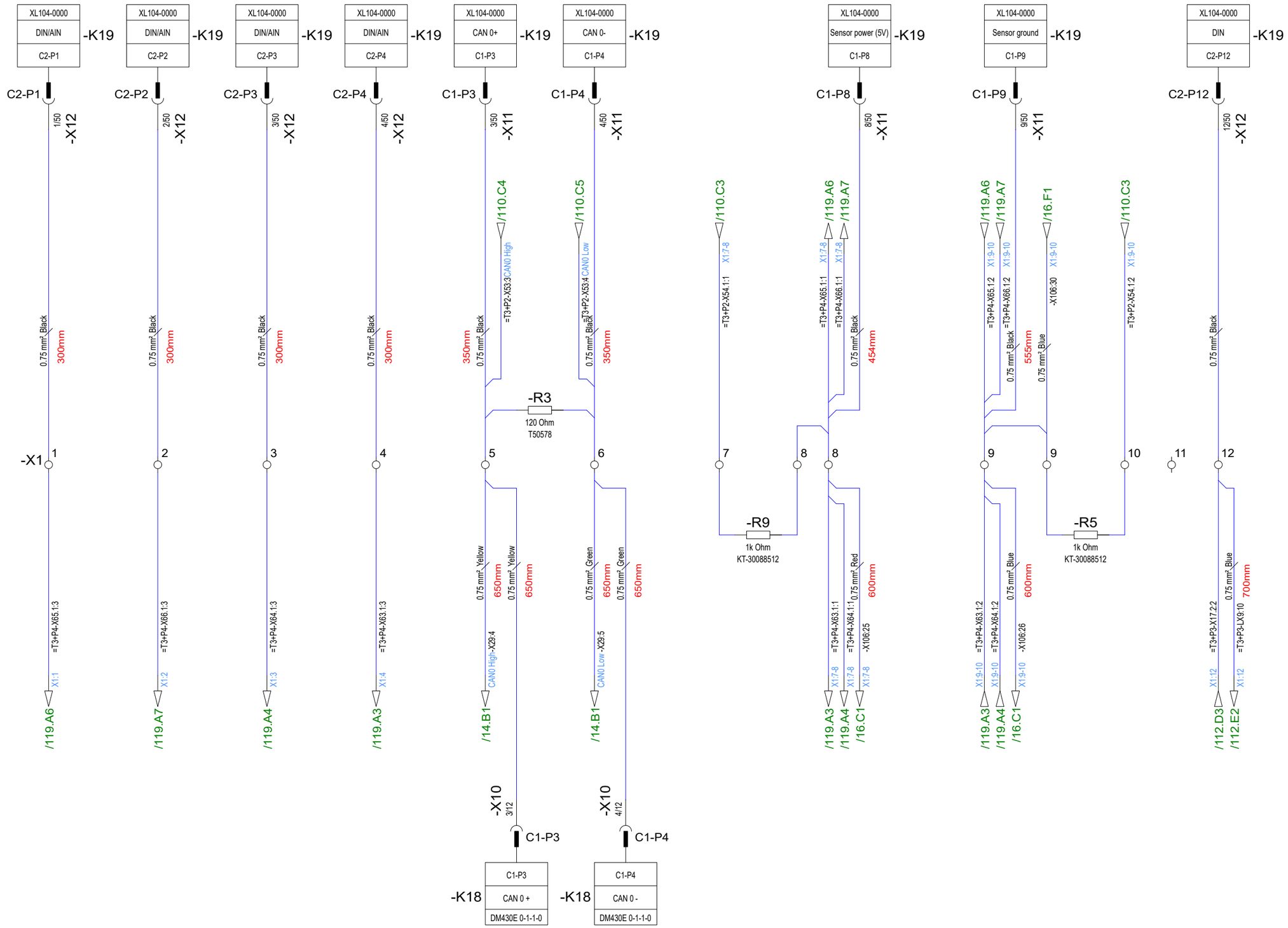

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X1 Terminal 1-12

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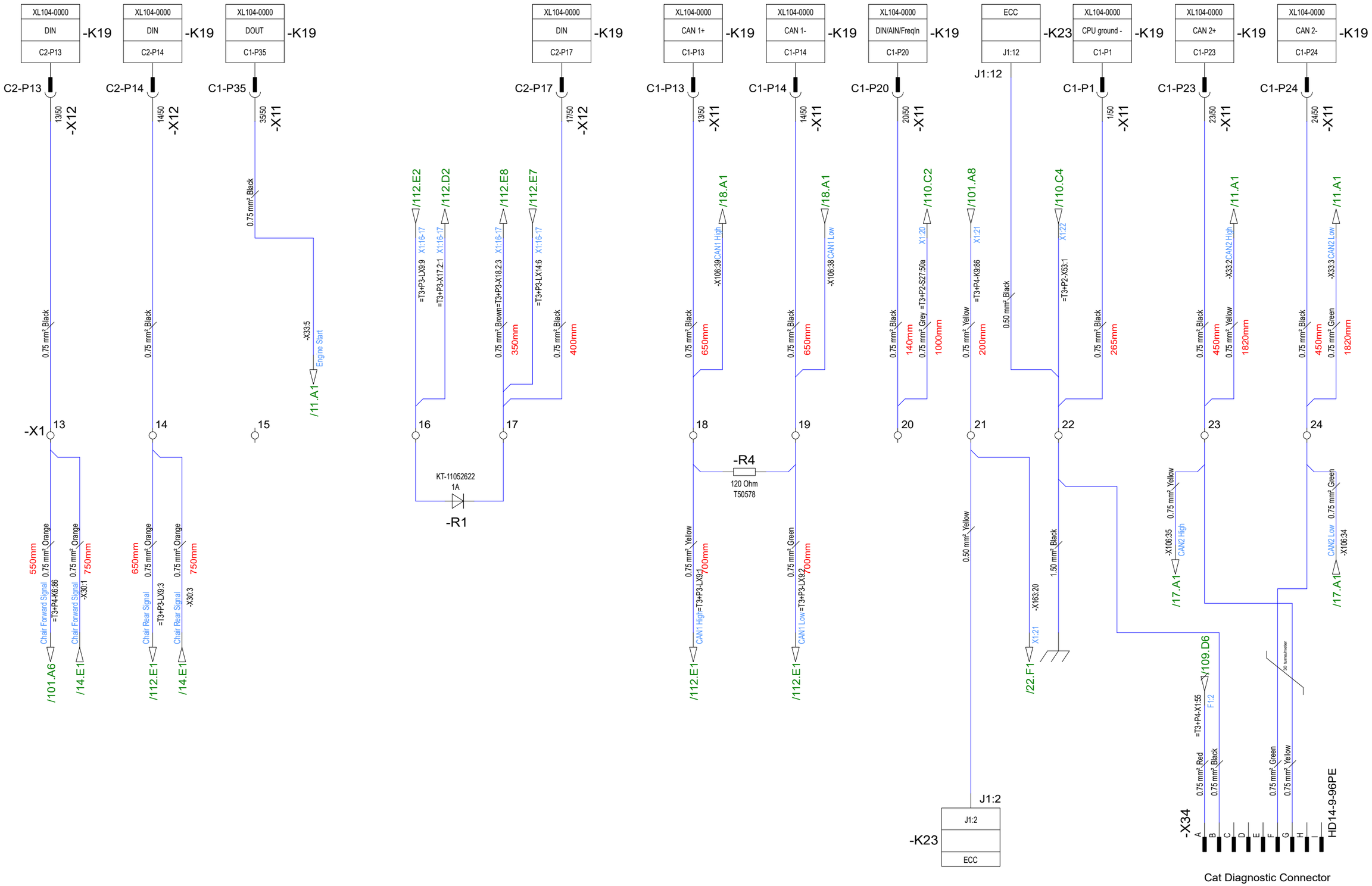

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X1 Terminal 13-24

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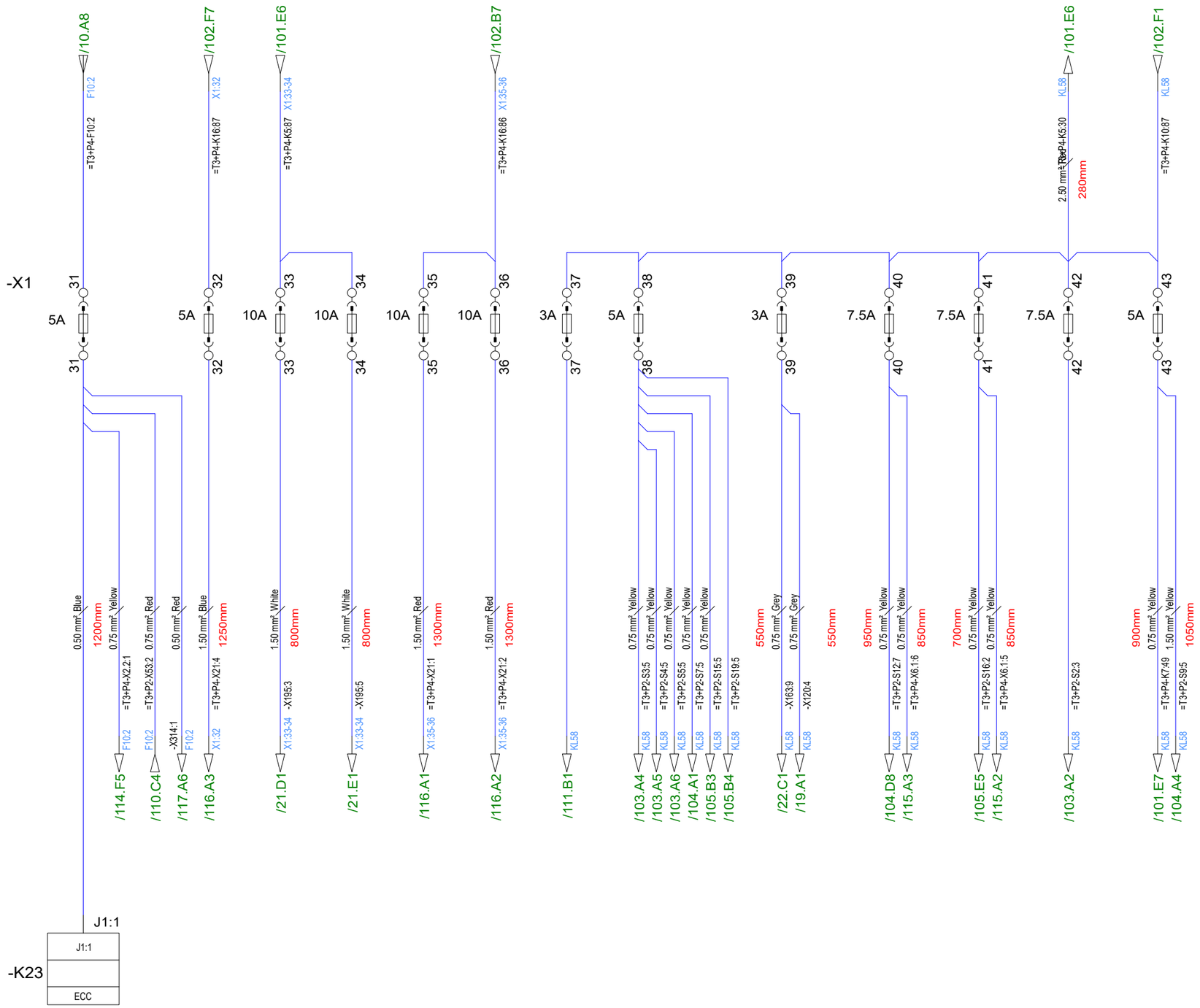

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X1 Fuses 31-43

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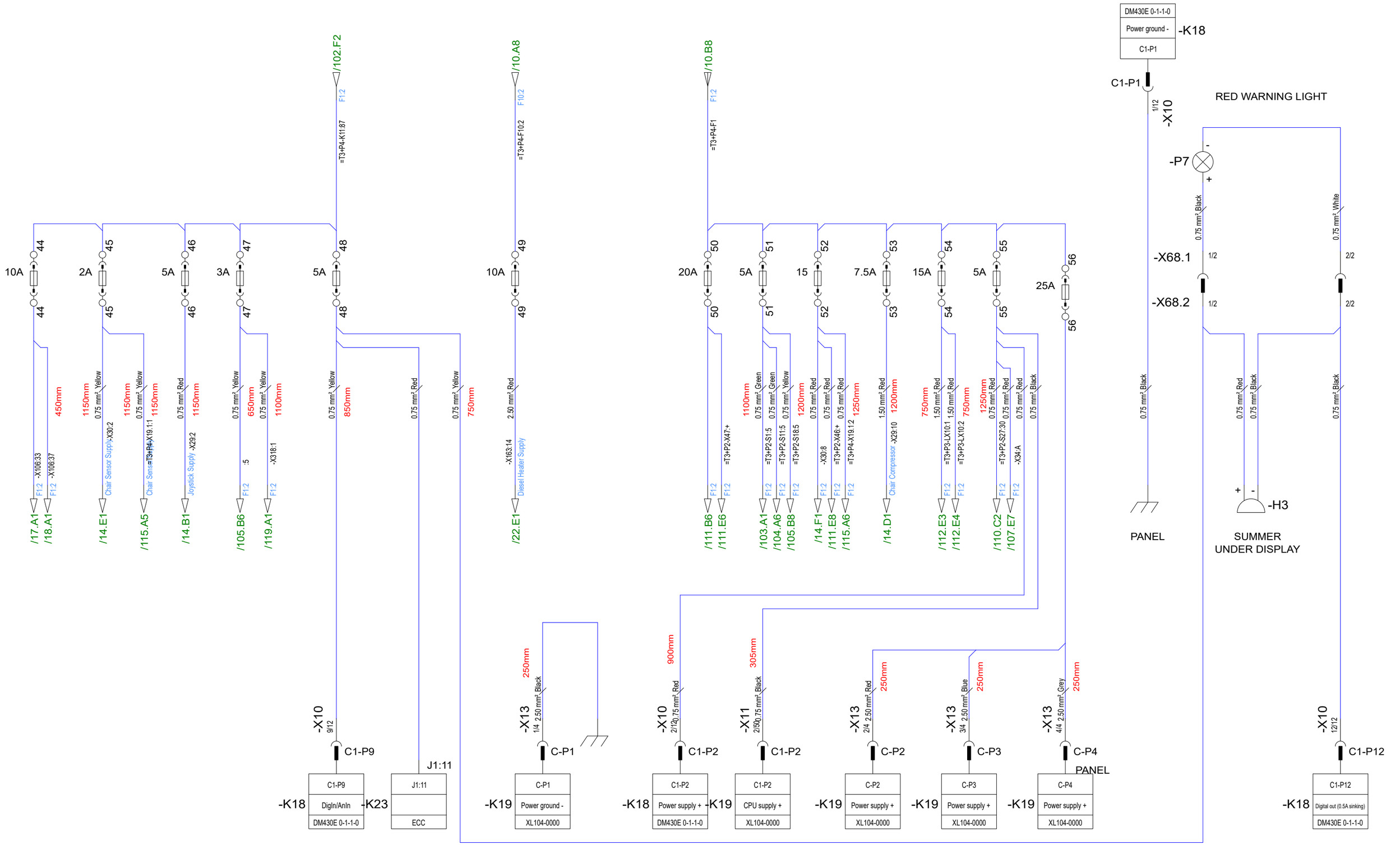

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X1 Fuses 44-55

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Sheet	Next	# sheets	Edition
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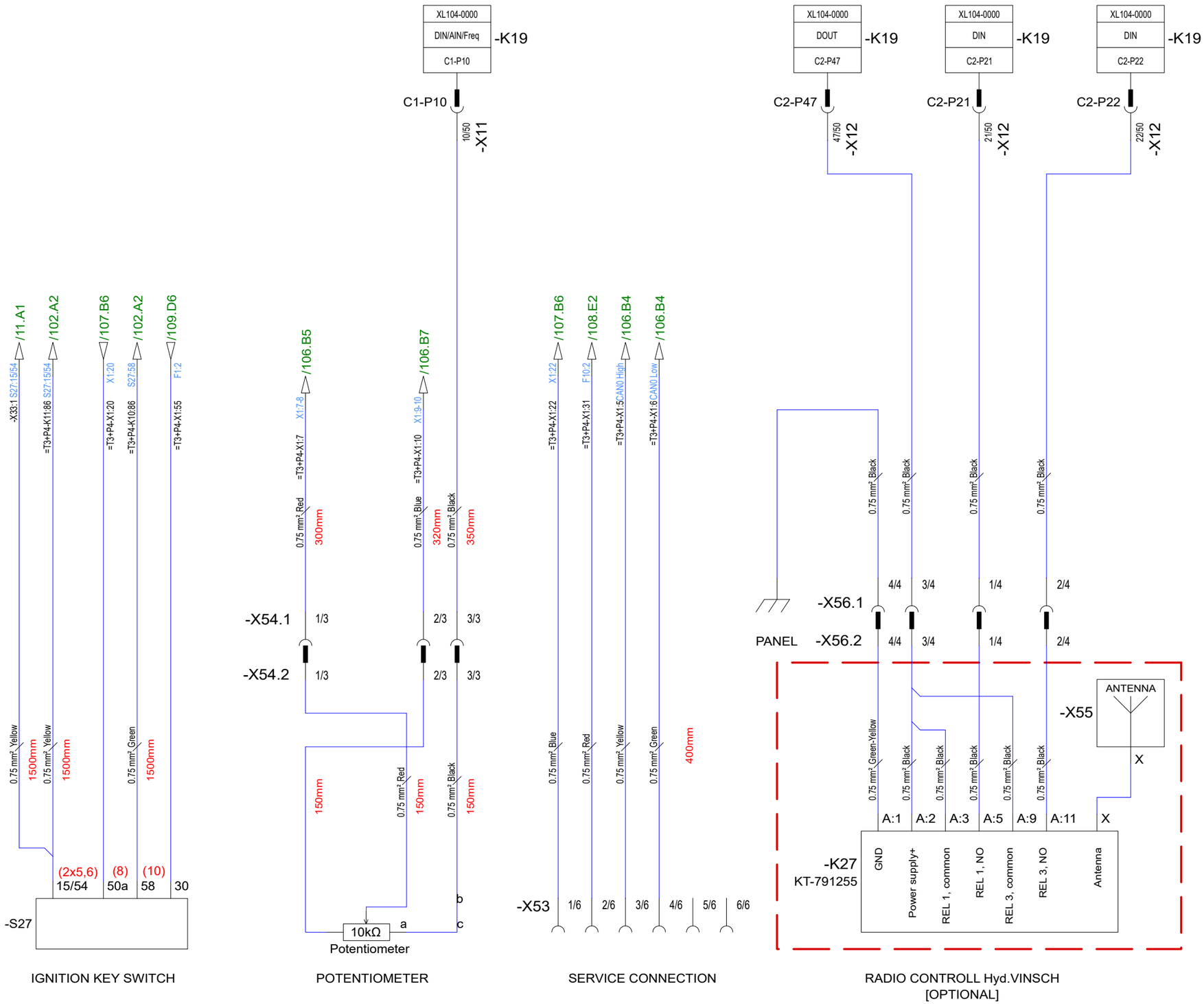

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Drawing nr: 703074

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Extras

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Sheet	Next	# sheets	Edition
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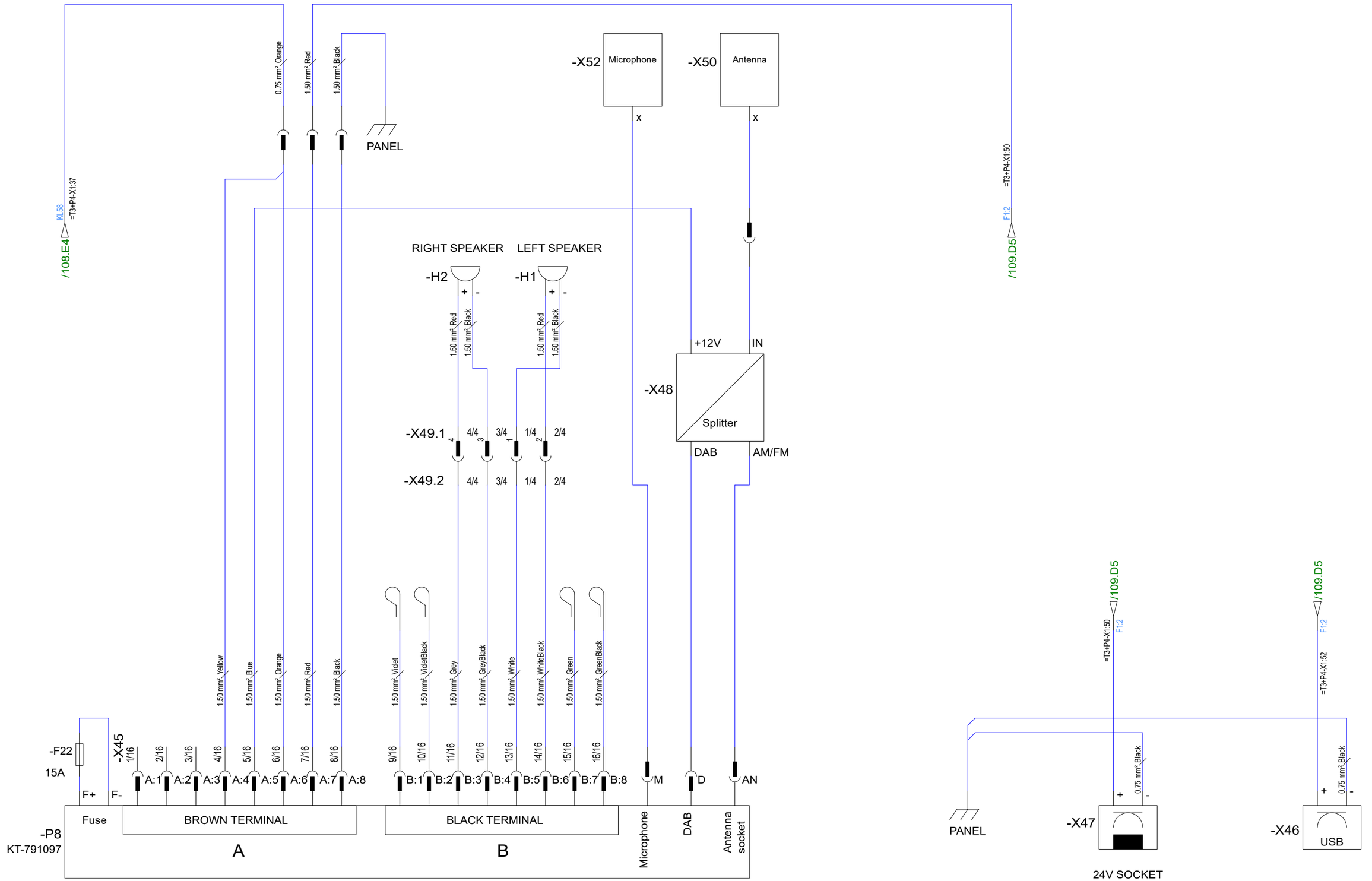

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Radio

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Sheet	Next	# sheets	Edition
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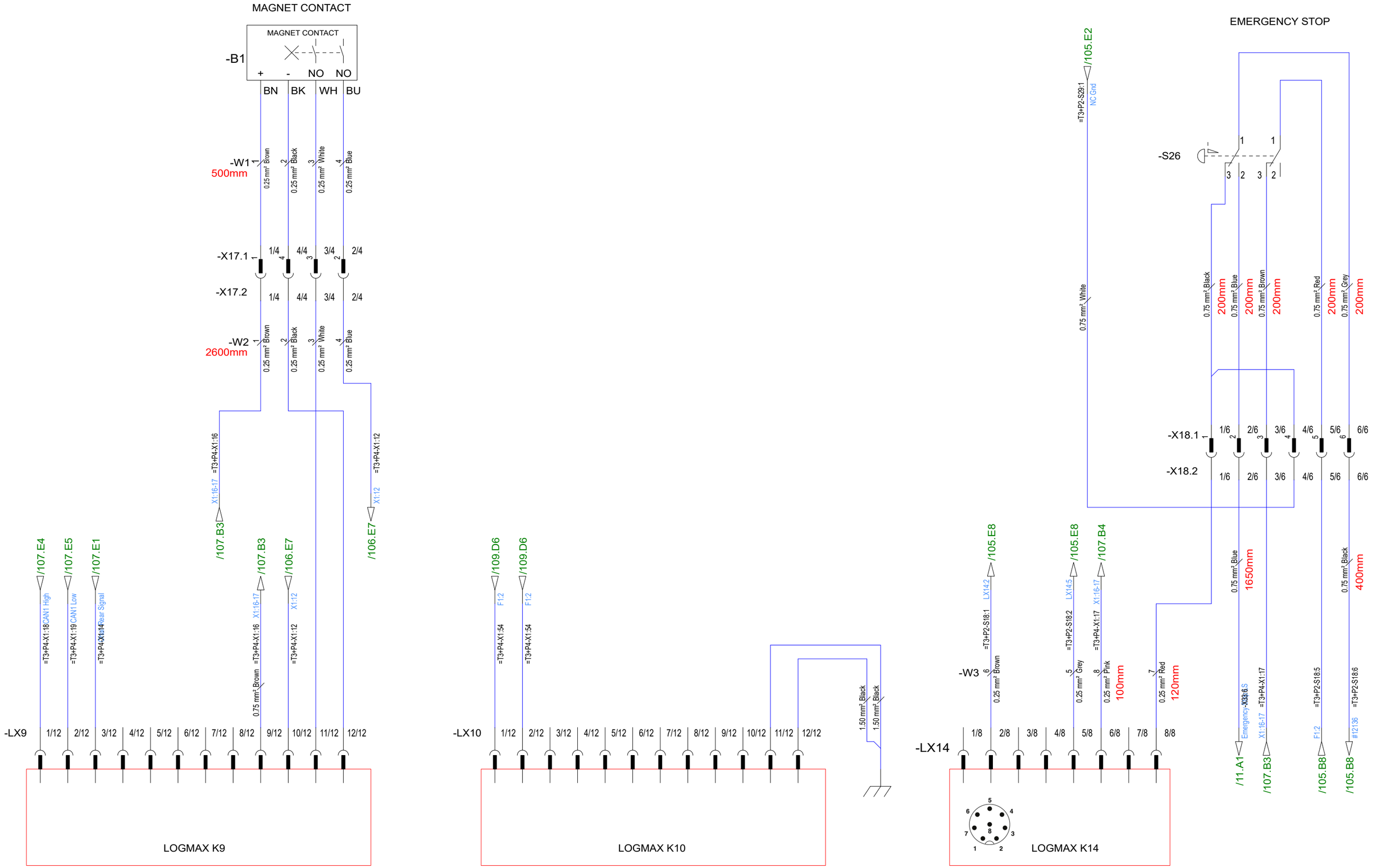

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LogMax K9,K10,K14

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Sheet	Next	# sheets	Edition
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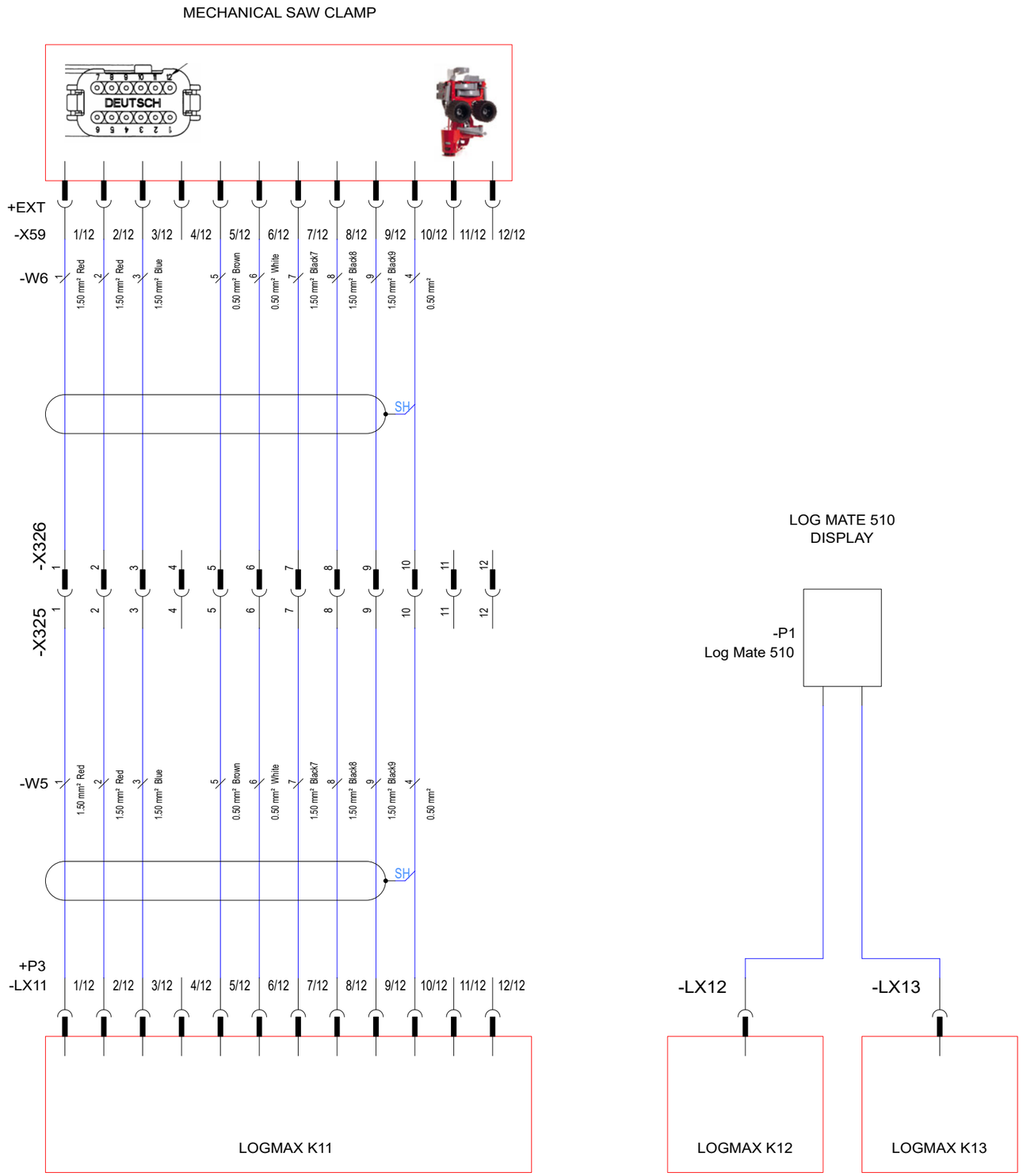

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LogMax K11,K12,K13

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Sheet	Next	# sheets	Edition
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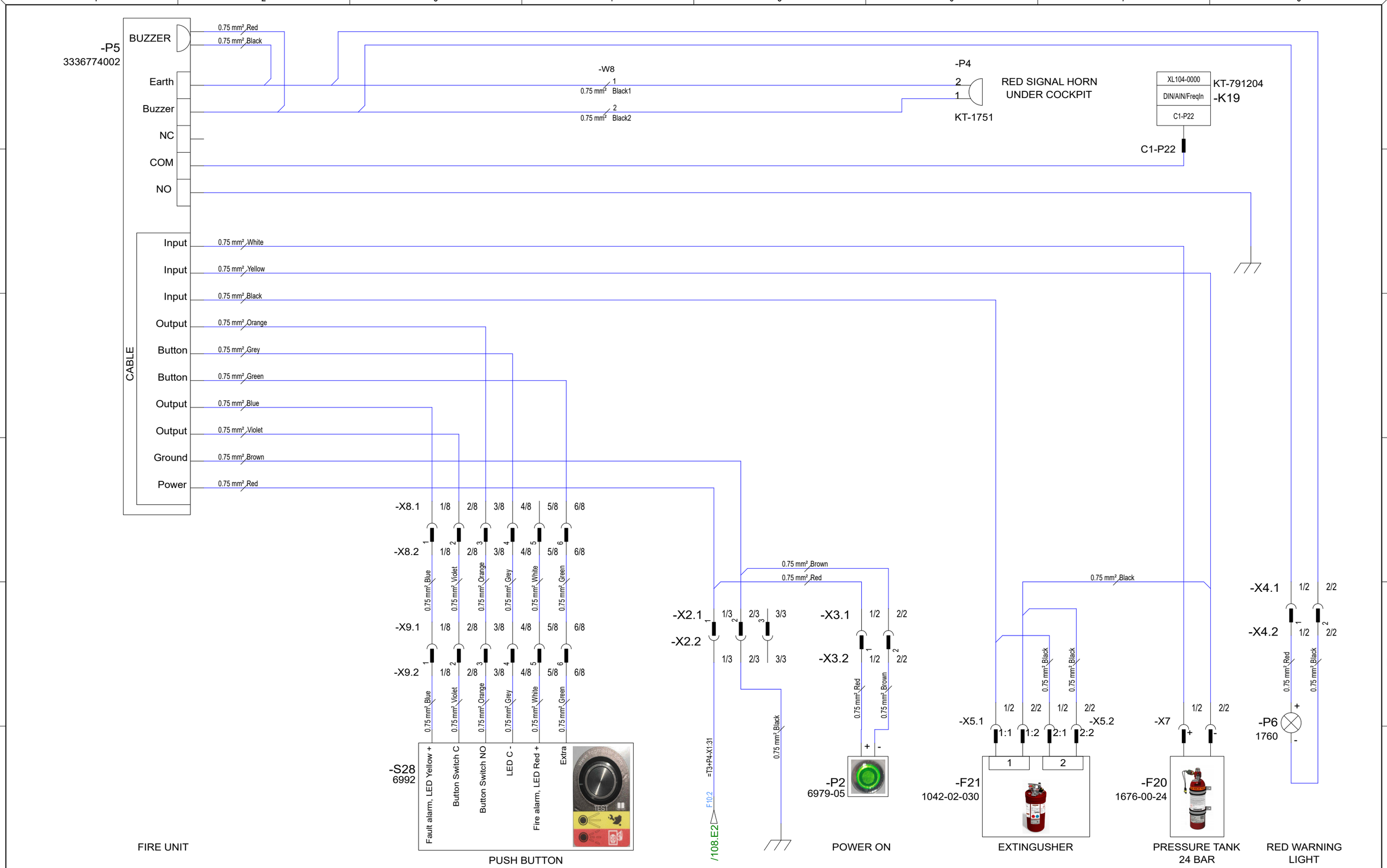

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FogMaker

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Sheet	Next	# sheets	Edition
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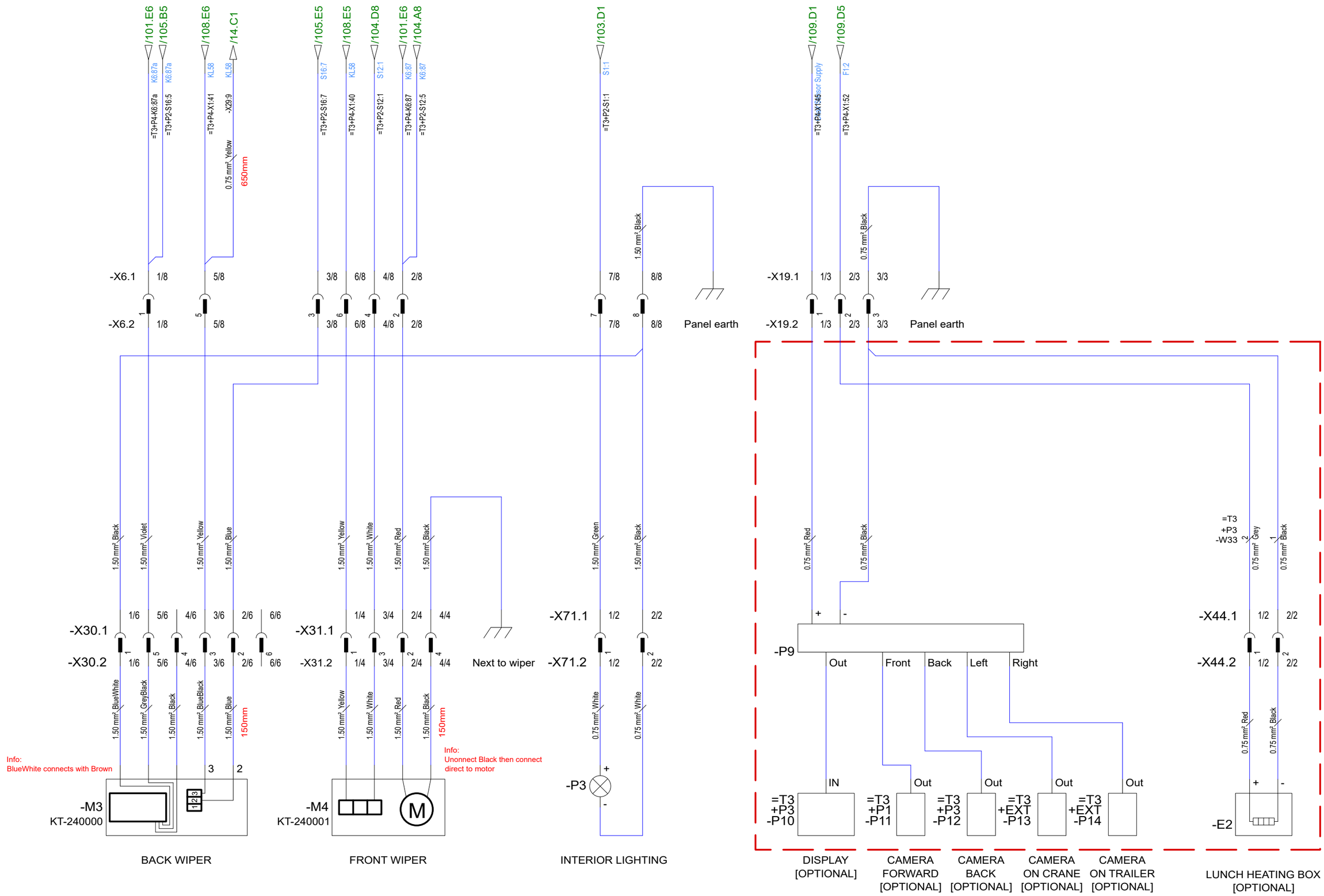

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Whiper and Cameras

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Sheet	Next	# sheets	Edition
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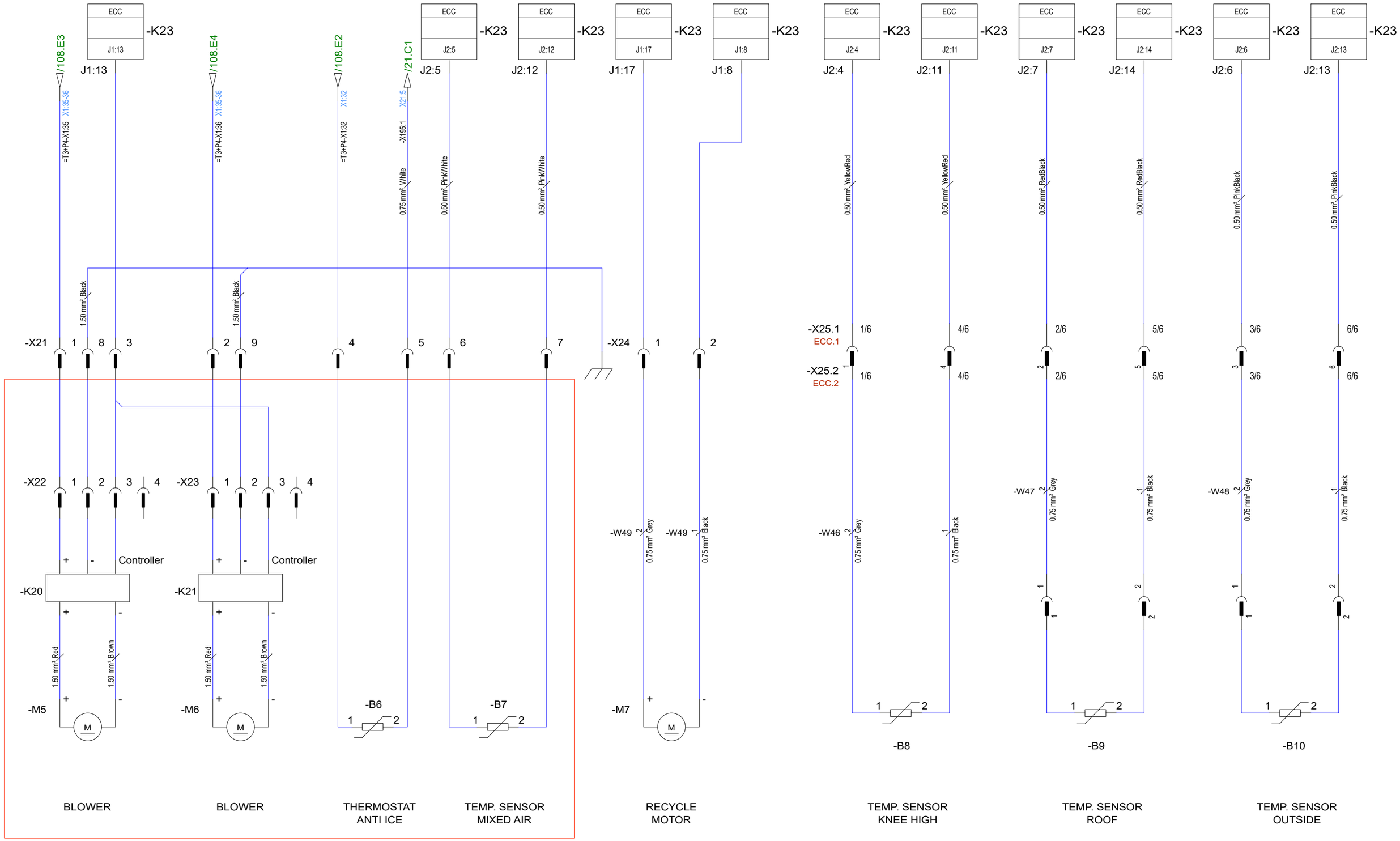

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HVAC Actuators

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Sheet	Next	# sheets	Edition
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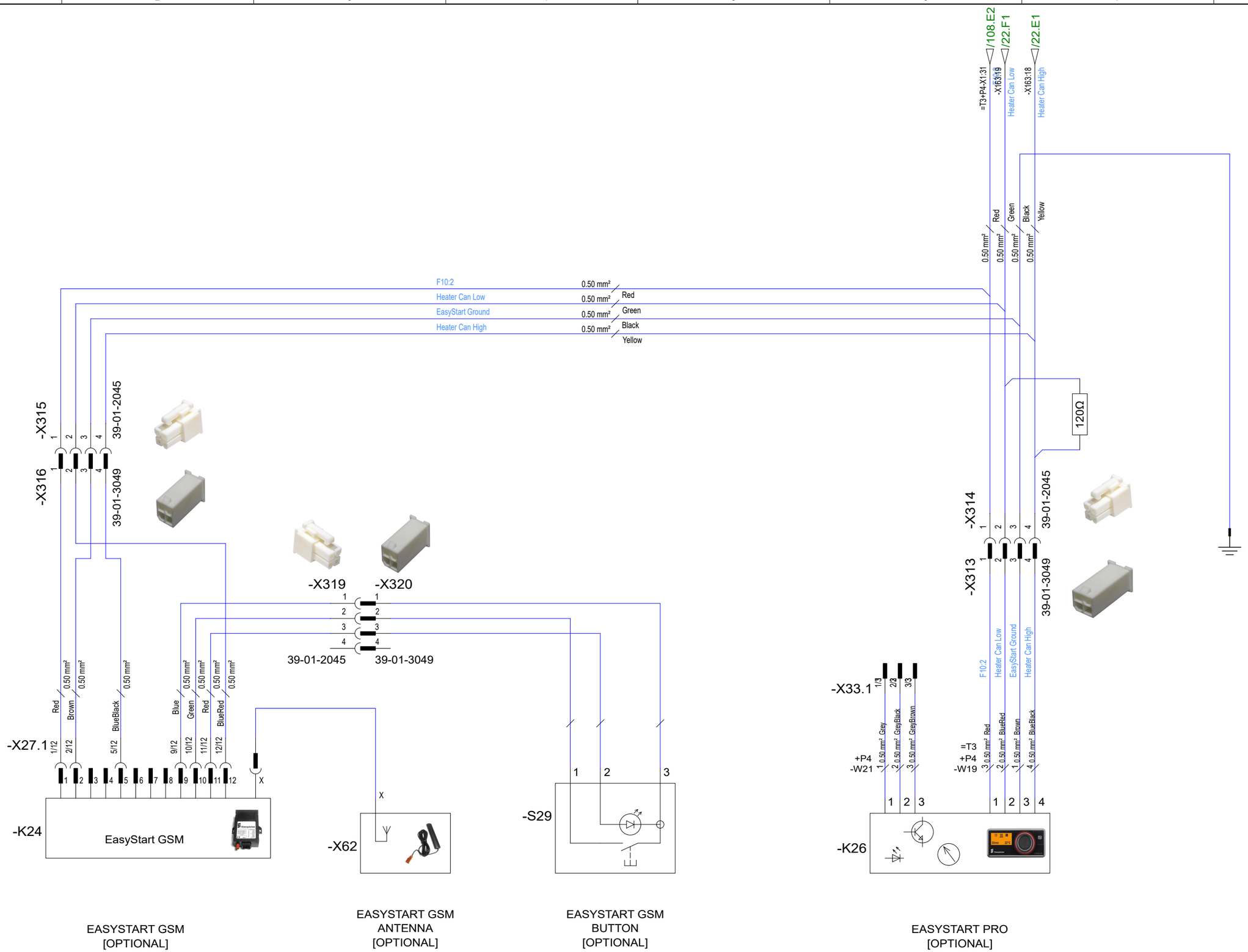

EASYSTART GSM
[OPTIONAL]

EASYSTART GSM
ANTENNA
[OPTIONAL]

EASYSTART GSM
BUTTON
[OPTIONAL]

EASYSTART PRO
[OPTIONAL]

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Webasto

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Sheet	Next	# sheets	Edition
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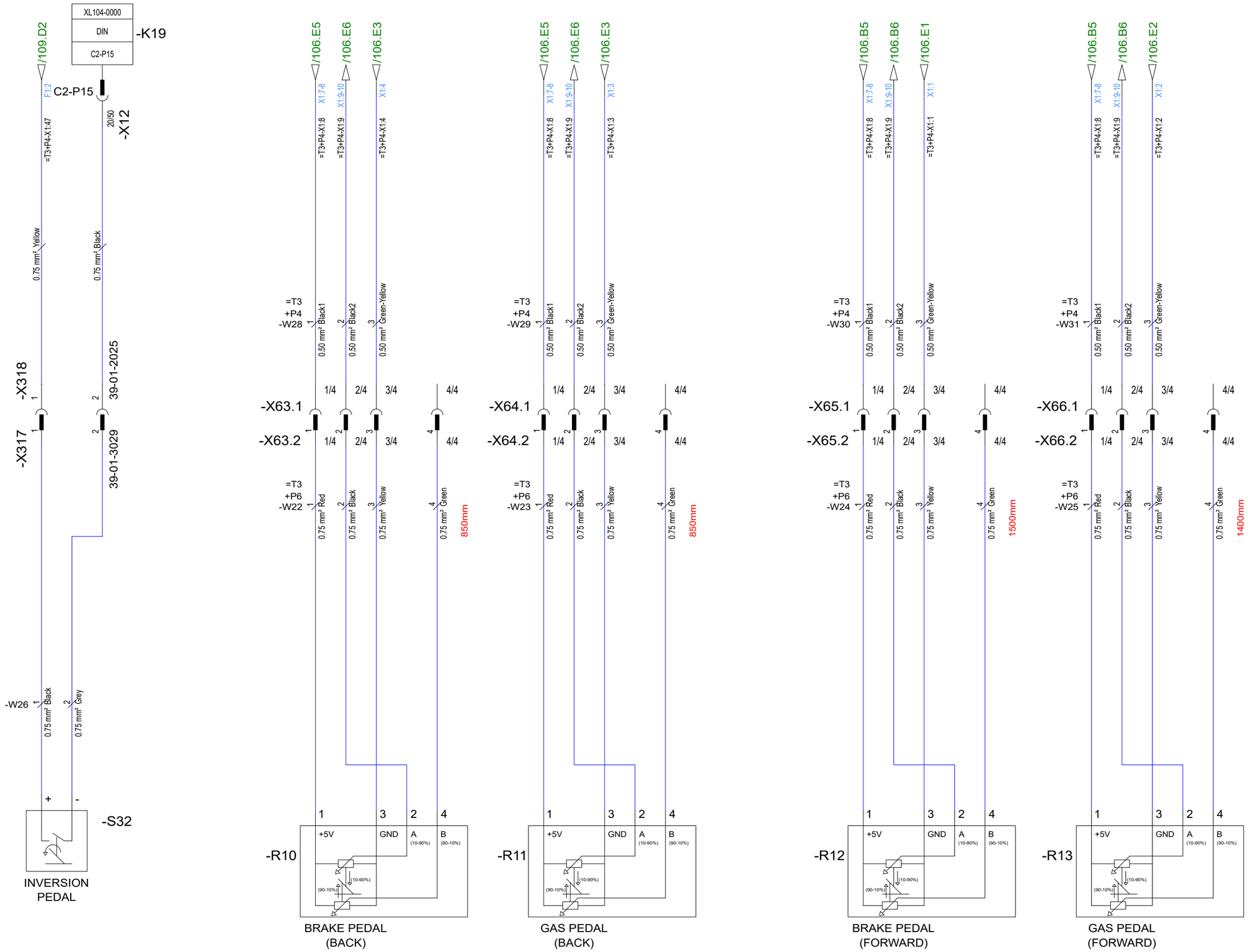

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Sheet	Next	# sheets	Edition
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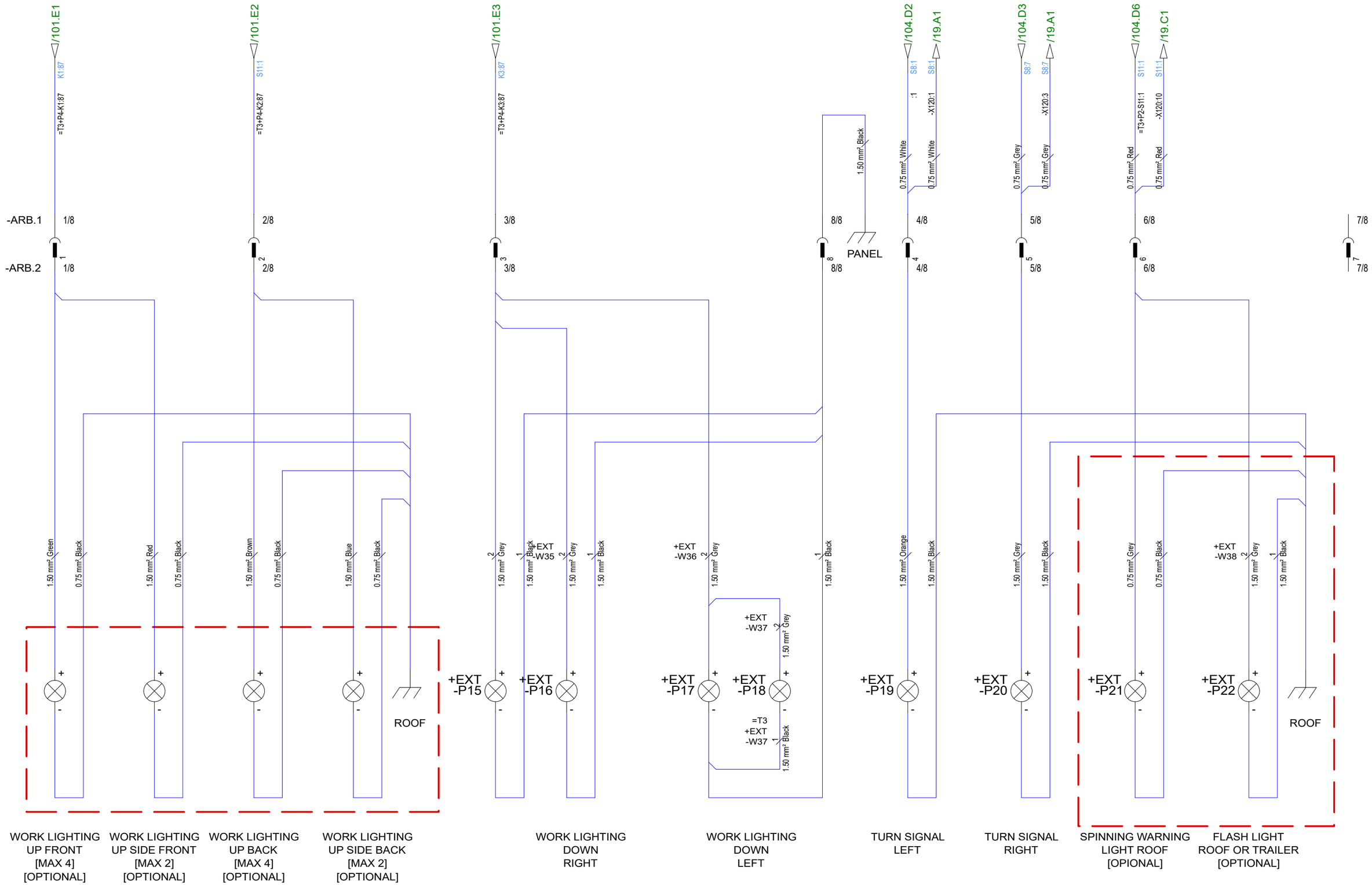

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Work Lights

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120	-	35	2