



Code	Colour	Designation	Des.	Pos.	Description
AWD35	OC - 1	AWD35 OC - 1	C1261	E 5	Connector, 21-pole
BLK	Black		C1275	E 8	Joint connector, Instrument light
BRO	Brown		C486	D 8	Connector, 7-pole
RD	Red		C487	D 7	Connector, 7-pole
OR	Orange		C488	D 5	Connector, 7-pole
GRN	Green		C489	F 3	Connector, 15-pole
YE	Yellow		C494	E 7	Connector, 21-pole
GN	Green		C1054	C 6	Connector, 4-pole, Fan, HEV, Panto
VT	Violet		C1055	D 7	Connector, 7-pole, HEV, Panto
GRY	Grey		C1057	D 7	Connector, 7-pole, HEV, Panto
WHT	White		C1059	B 8	Joint connector CAN, HEV, Panto
PK	Pink		C1059	B 5	Joint connector CAN, HEV, Panto
			C1059	E 4	Joint connector CAN, HEV, Panto
			C1060	D 8	Connector, 8-pole, HEV, Panto
			C1061	B 8	Joint connector CAN, HEV, Panto
			C1062	C 8	Out cable, 24V sup, HEV, Panto
			C1063	B 8	Out cable, 24V sup, HEV, Panto
			C1063	D 3	Connector, 18-pole, HEV, Panto
			C1074	B 6	Connector, 8-pole, HEV, Panto
			C1075	B 7	Connector, 8-pole, HEV, Panto
			C1110	B 2	Connector, 8-pole, CAN, HEV, Panto
			C1111	B 5	Connector, 8-pole, HEV, Panto
			C1179	D 2	Connector, 16-pole
			C1265	F 7	Joint connector, WU, HEV, Panto
			C1267	E 7	Connector, 8-pole, Sup DCC, HEV, Panto
			C1269	A 5	Connector, 8-pole, Sup, HEV, Panto
			C1270	C 7	Connector, 8-pole, CAN, HEV, Panto
			C1271	F 6	Out cable, CAB T, HEV, Panto
			C1272	F 7	Out cable, HEV, Panto
			C1275	B 7	Out cable, CAN, HEV, Panto
			C1276	C 8	Out cable, CAN, HEV, Panto
			C1287	A 3	Joint connector, WU, HEV, Panto
			C1288	C 4	Connector, 8-pole, Sup DCC, HEV, Panto
			C1289	C 4	Connector, 8-pole, Sup DCC, HEV, Panto
			C1309	B 5	Joint connector, 8-pole, panto
			C8243	D 6	Joint connector, HEV
			E81	E 2	Control unit, BMU
			E1006	C 2	Control unit, DCC, HEV
			E1021	C 5	Control unit, PMU, HEV
			E1037	C 4	Control unit, DCC 150kW, HEV
			E1040	A 2	Control unit, BSU1
			E1041	C 2	Control unit, Battery pack 2
			G2	E 7	Joint connector, ground
			G3	F 6	Joint connector, ground
			G33	D 6	Ground
			P2.8X1010	F 8	Fuse socket, Pantograf, HEV
			P2.8X1005	F 7	Fuse socket, Pantograf, HEV
			P2.8X1007	F 8	Fuse socket, PMU, HEV
			P2.8X1008	F 7	Fuse socket, PMU, HEV
			P2.8X1009	F 8	Fuse socket, 24V, DCC, HEV
			P2.8X1010	F 8	Fuse socket, PDC, HEV
			P11	E 6	Power distributor, chassis
			P13	E 2	Central electric unit
			R1002	A 8	Connector, HEV
			R1004	A 7	Connector, HEV
			R1008	A 5	Connector, HEV
			S1007	F 5	Switch, Enable, Pantograf, HEV
			S1008	F 8	Switch, Up/down, Pantograf, HEV
			T1022	A 3	Sensor, level

- Comments:
1. Connect cable BWE 163 WH from cutted cable C414 to C1267.1.
 2. Connect cable BWE 164 OG from cutted cable C414 to C1267.2.
 3. Connect cable BWE 167 BN from cutted cable C414 to C1267.3.
 4. Connect cable BWE 168 VT from cutted cable C414 to C1267.4.
 5. Connect cable BWE 163 WH from cutted cable C415 to C1265.1.
 6. Connect cable BWE 164 OG from cutted cable C415 to C1265.2.
 7. Connect cable BWE 167 BN from cutted cable C415 to C1265.3.
 8. Connect cable BWE 168 VT from cutted cable C415 to C1265.4.

SCANIA

HEV Panto

Circuit Diagram: 2713320-2-4

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