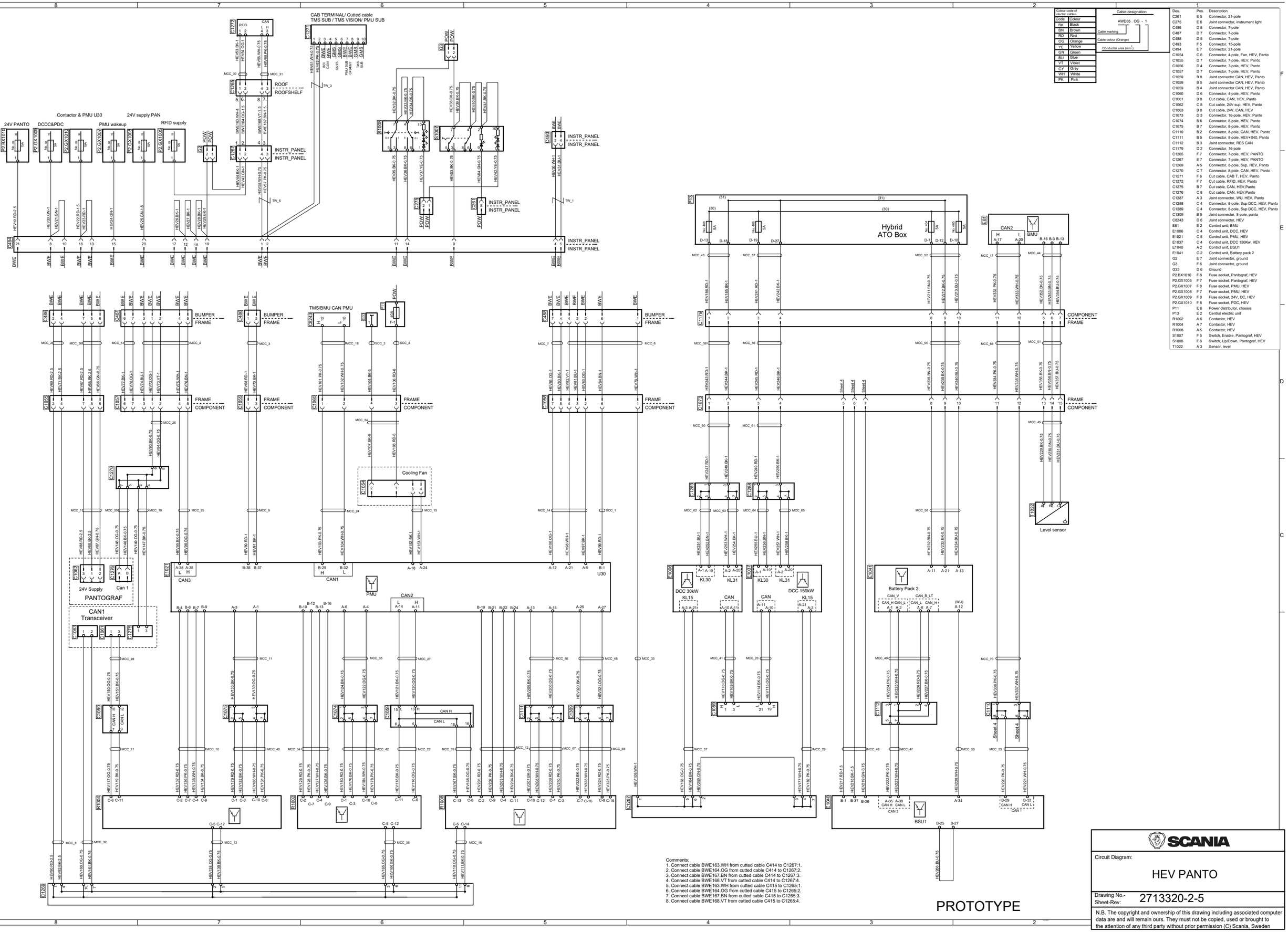

Colour code of electric cables	
Code	Colour
BK	Black
BN	Brown
RD	Red
OG	Orange
YE	Yellow
GN	Green
BU	Blue
VT	Violet
GY	Grey
WH	White
PK	Pink

Cable designation: AWD35 . OG - 1
Cable marking
Cable colour (Orange)
Conductor area (mm²)

Des.	Pos.	Description
C261	E 5	Connector, 21-pole
C275	E 6	Joint connector, instrument light
C486	D 8	Connector, 7-pole
C487	D 7	Connector, 7-pole
C488	D 5	Connector, 7-pole
C493	F 5	Connector, 15-pole
C494	E 7	Connector, 21-pole
C1054	C 6	Connector, 4-pole, Fan, HEV, Panto
C1055	D 7	Connector, 7-pole, HEV, Panto
C1056	D 4	Connector, 7-pole, HEV, Panto
C1057	D 7	Connector, 7-pole, HEV, Panto
C1059	B 8	Joint connector CAN, HEV, Panto
C1059	B 5	Joint connector CAN, HEV, Panto
C1059	B 4	Joint connector CAN, HEV, Panto
C1060	D 6	Connector, 4-pole, HEV, Panto
C1061	B 8	Cut cable, CAN, HEV, Panto
C1062	C 8	Cut cable, 24V sup, HEV, Panto
C1063	B 8	Cut cable, 24V, CAN, HEV
C1073	D 3	Connector, 16-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+B40, Panto
C1112	B 3	Joint connector, RES CAN
C1179	D 2	Connector, 16-pole
C1265	F 7	Connector, 7-pole, HEV, PANTO
C1267	E 7	Connector, 7-pole, HEV, PANTO
C1269	A 5	Connector, 8-pole, Sup, HEV, Panto
C1270	C 7	Connector, 8-pole, CAN, HEV, Panto
C1271	F 6	Cut cable, CAB T, HEV, Panto
C1272	F 7	Cut cable, RFID, HEV, Panto
C1275	B 7	Cut cable, CAN, HEV,Panto
C1276	C 8	Cut 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 4	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.BX1010	F 8	Fuse socket, Pantograf, HEV
P2.GX1005	F 7	Fuse socket, Pantograf, HEV
P2.GX1007	F 8	Fuse socket, PMU, HEV
P2.GX1008	F 7	Fuse socket, PMU, HEV
P2.GX1009	F 8	Fuse socket, 24V, DC, HEV
P2.GX1010	F 8	Fuse socket, PDC, HEV
P11	E 6	Power distributor, chassis
P13	E 2	Central electric unit
R1002	A 6	Contactor, HEV
R1004	A 7	Contactor, HEV
R1008	A 5	Contactor, HEV
S1007	F 5	Switch, Enable, Pantograf, HEV
S1008	F 6	Switch, Up/Down, Pantograf, HEV
T1022	A 3	Sensor, level

SCANIA

Circuit Diagram:

HEV PANTO

Drawing No.- 2713320-2-5

Sheet-Rev:

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