Des.	Pos.	Description
C6105	E 7	Connector ,21-Pole Electric Panel / Channel right
C6334	D 5	Connector, 12-pole
C6335	D 3	Connector, 3-pole
C6347	A 6	Splice, 1-pole
C6357	D 8	Connector, 6-pole
E6045	F 7	Control unit, Expansion unit C, MBS
E6097	C 6	Control unit Wheel chair ramp
G6106	E 6	Ground Electric panel Body Join Connector
L6121	C 7	Lamp, WCR worning light middle
L6163	C 7	Lamp, Wheel chair chair ramp RHS
P544.HX57	F 7	Fuse, Spare, 15
R6076	E 7	P544.RP29
S903	C 4	Switch, Wheel chair ramp/door
S6035	E 7	Switch, Dual wheel chair ramp on/off

Cable designation

AWD35 . OG . 1

Cable marking

Cable colour (Orange)

Conductor area (mm²)

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

P544.HX57 15A

E6045 CN3-10

R6074

MBD.202.RD-0.75 MBD.201.GN-2.5 MBD.207.VT-0.75 MBD.204.RD-0.75 MBD.200.GN-3.5 MBD.245.BK-0.75

G6106 21

C6105 ELECTRIC_PANEL_BODY / ROOF_CHANNEL_RIGHT

MBD.235.VT-0.75 MBD.208.RD-0.75 MBD.224.BK-0.75

See Sheet 1

S6035 MBD.223.BK-0.75

See C - NODE

C6357 ROOF_CHANNEL_RIGHT COMPONENT

MBD.211.RD-2.5 MBD.210.BK-2.5

MBD.242.BK-0.5 MBD.244.OG-0.5 MBD.243.BK-0.5 MBD.241.OG-0.5

L6121 WH BU — Wheel Chair Warning Ramp LH

L6163 WH BU — Wheel Chair Warning Ramp RH

See Sheet 1

C6334 ROOF_CHANNEL_RIGHT COMPONENT

MBD.212.GN-2.5 MBD.237.RN-0.75

MBD.229.BK-0.75 MBD.233.RD-0.75 MBD.231.GY-0.75 MBD.230.BK-0.75 MBD.228.GY-0.75

S903

E6097 BWA COMPONENT

MBD.229.BK-1.5	Positive power supply (15A fuse)
MBD.213.GN-2.5	Motor - Ramp
MBD.214.PK-0.75	Positive sensors - Ramp
MBD.215.PK-02.5	
MBD.216.GN-2.5	Motor - Ramp
MBD.217.BU-0.75	In ramp Sensor
MBD.218.BN-0.75	Weight sensor - Ramp
MBD.219.GY-0.75	Output ramp sensor
MBD.220.BK-0.75	Negative sensors - Ramp
MBD.221.BK-0.75	Buzzer
MBD.222.YE-0.75	Negative power supply
MBD.239.RD-1.5	Signal stowed ramp (Output)
MBD.227.OG-0.75	Pulse close doors stow ramp (input)
MBD.225.GN-0.75	Signal open / stow ramp (input)
MBD.234.GY-0.75	Signal moving ramp (output)
MBD.240.VT-0.75	Signal ramp extended

C6357 COMPONENT / BWA

16	Heating film
15	Heating Film
8	Ramp motor
10	Positive Sensor
5	Positive manual ramp sensor
7	Ramp Motor
1	Sensor ramp in
3	Weight sensor
2	Ramp sesor out
9	Negative sensors
6	Negative manual ramp sensor
14	Buzzer
4	Manual ramp sensor out

See Sheet 1

C6336 ROOF_CHANNEL_RIGHT COMPONENT

MBD.209.PK-0.75

SCANIA

Circuit Diagram:

MBS Node D

Drawing No.- 2710711-2-2

Sheet-Rev:

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