

Project description BF600P "ACM2.1 Evo" BF600P EDC16
 Designazione dell'impianto
 Drawing number 442
 numero disegno

Pages 144
 pagine

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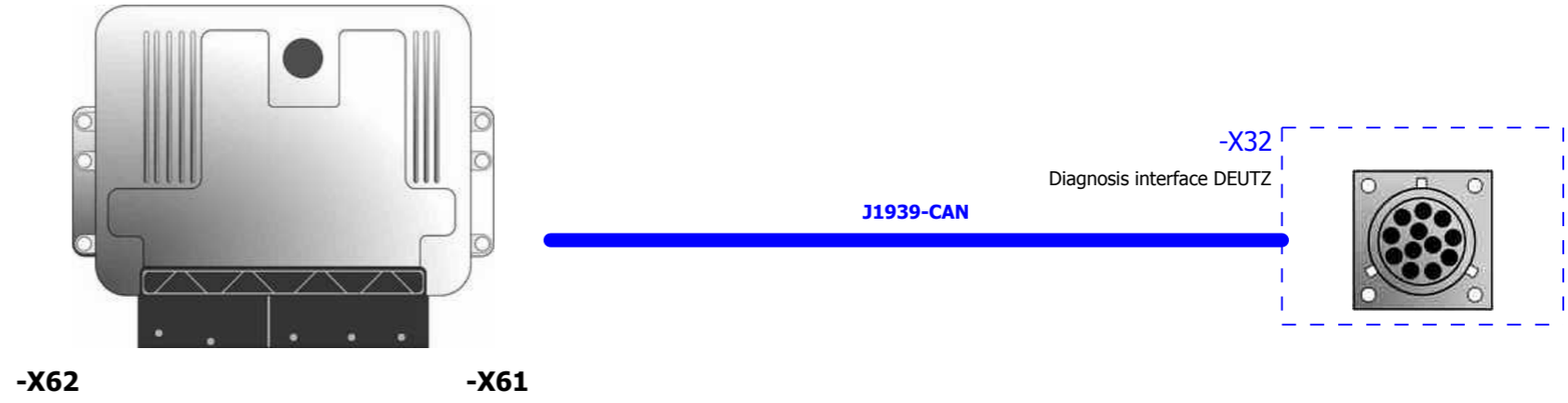
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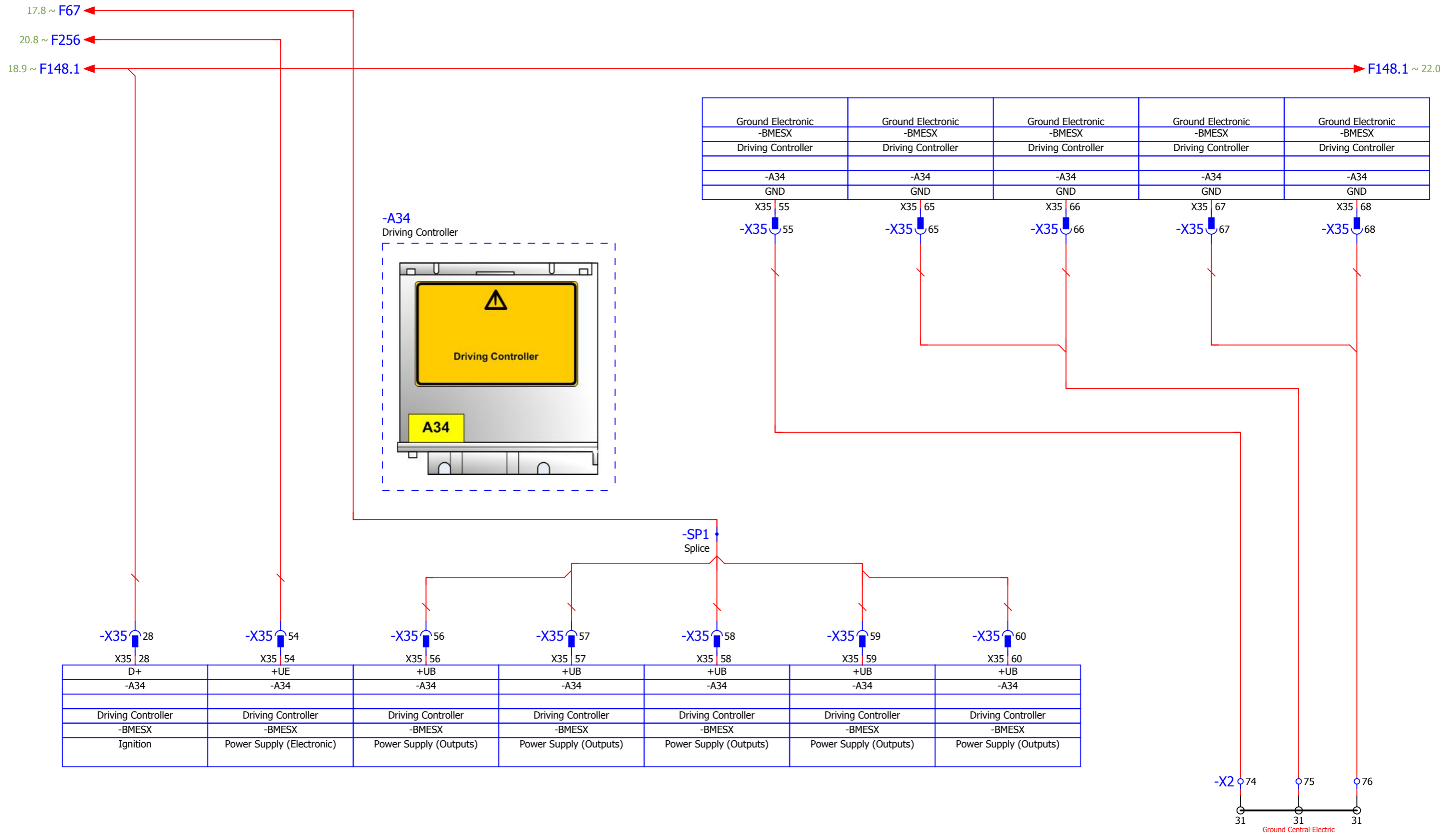
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-A48
 DEUTZ Engine-controller
 EDC16 EMR3



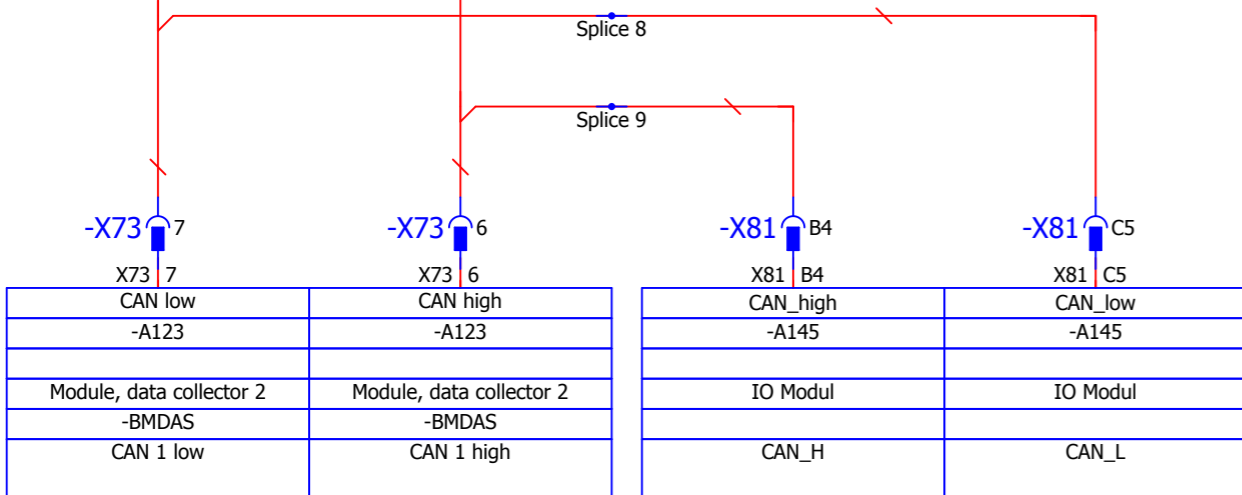
0	1	2	3	4	5	6	7	8	9					
Created Realizzato	R.Zaniboni 08/02/2017	BF600P "ACM2.1 Evo"		 BOMAG FAYAT GROUP	Overview CAN Communication DEUTZ				Higher-level function Impianto	=	Page Pagina	11	from from pag.	144
Checked Controllato	L.Zuccharino 10/02/2017	BF600P EDC16							Function Funzione	= =	442			
									Mounting location Montaggio località	+				



+EBOX

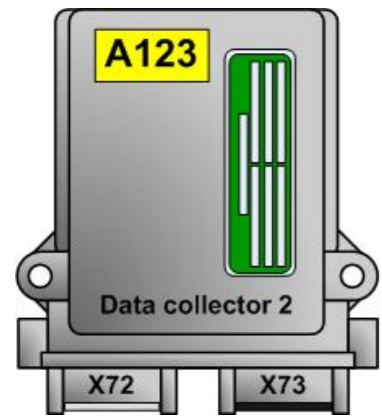


-W1
Superflex N
42x1,00



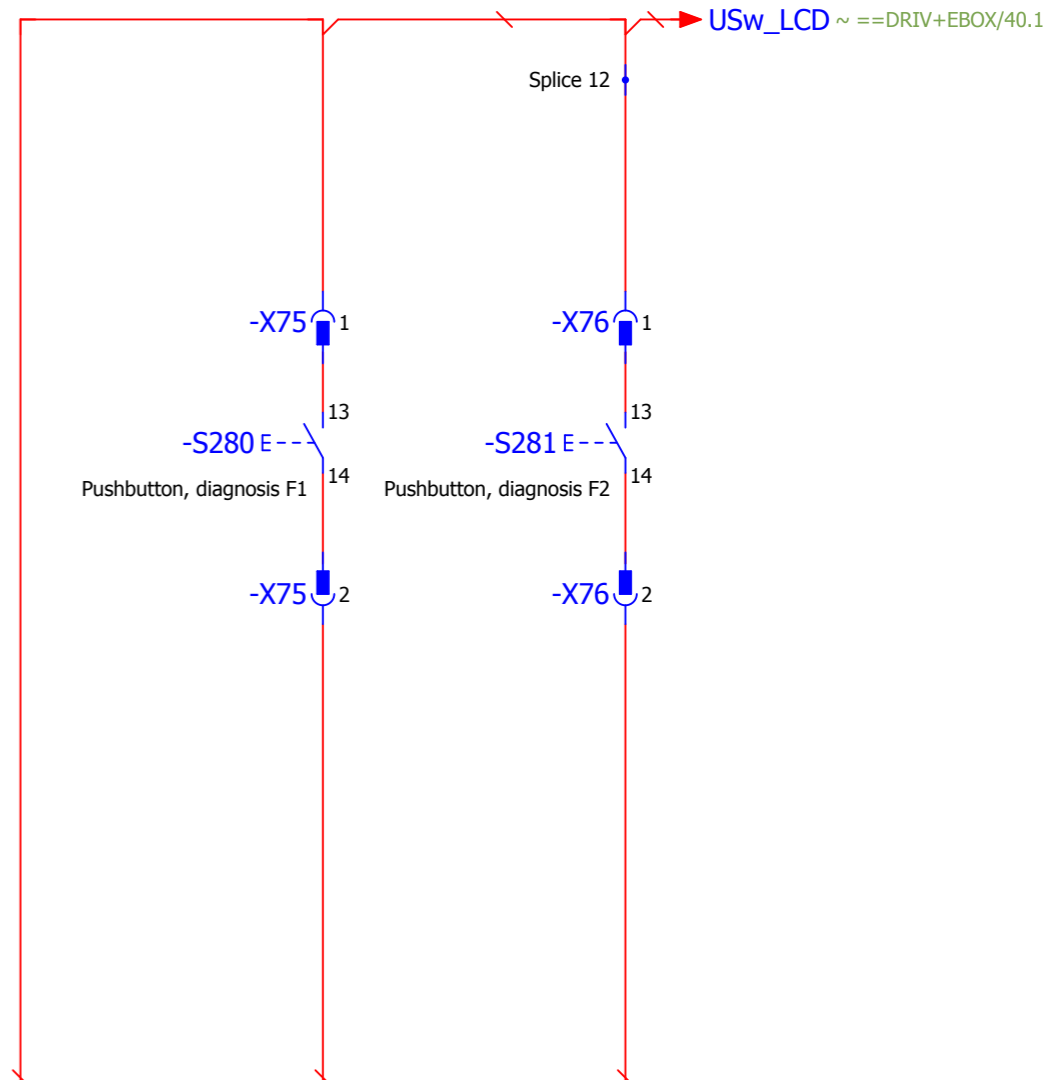
X73 7	X73 6
CAN low	CAN high
-A123	-A123
Module, data collector 2	Module, data collector 2
-BMDAS	-BMDAS
CAN 1 low	CAN 1 high

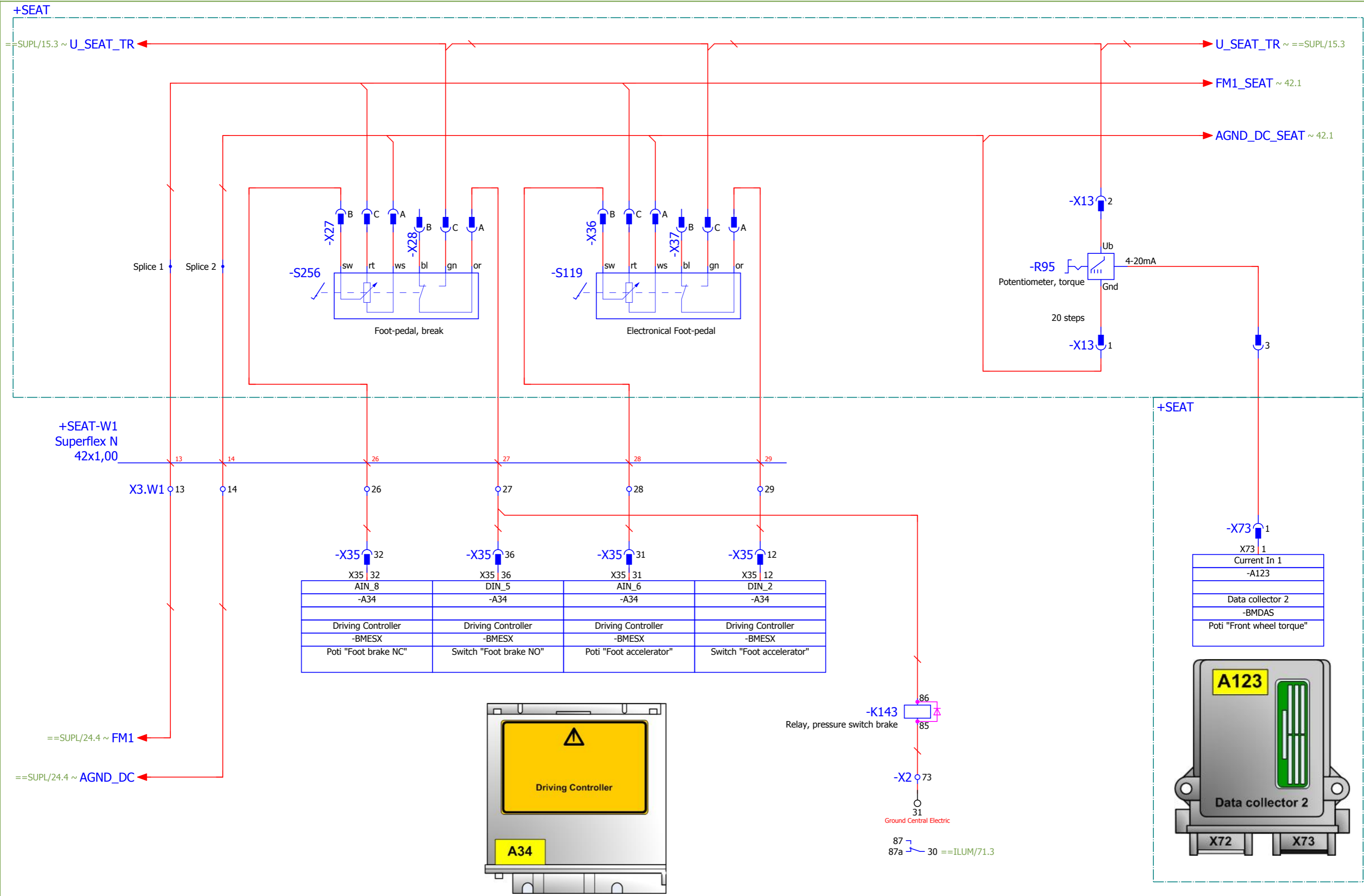
X81 B4	X81 C5
CAN_high	CAN_low
-A145	-A145
IO Modul	IO Modul
CAN_H	CAN_L



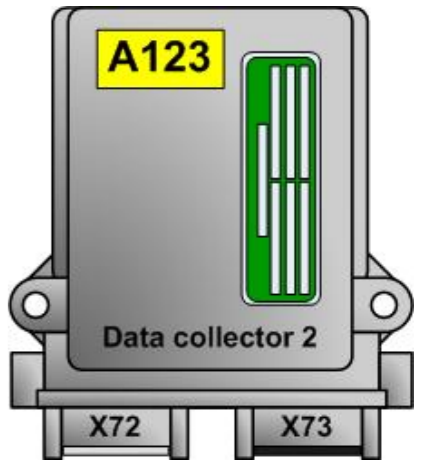
-A145
 ==SUPL+EBOX/25.4
 ==PAV+EBOX/55.8 /31.3
 ==SUPL+EBOX/25.6
 ==COMF+EBOX/76.4
 ==PAV+EBOX/55.7
 ==PAV+EBOX/50.6 /31.4
 ==SUPL+EBOX/15.6
 Pin overview -->
 CAN I/O Module

-X11 4	-X11 3	-X12 7	-X12 1	-X12 2
X11 4	X11 3	X12 7	X12 1	X12 2
CAN -	CAN +	Ub switches	Dig In 1	Dig In 2
-A81	-A81	-A81	-A81	-A81
LC-Display	LC-Display	LC-Display	LC-Display	LC-Display
BMSAZ-2	BMSAZ-2	-BMSAZ	-BMSAZ	-BMSAZ
CAN 1 low	CAN 1 high	Power supply switches	"Display Button 1"	"Display Button 2"






X35 32	X35 36	X35 31	X35 12
AIN_8	DIN_5	AIN_6	DIN_2
-A34	-A34	-A34	-A34
Driving Controller	Driving Controller	Driving Controller	Driving Controller
-BMESX	-BMESX	-BMESX	-BMESX
Poti "Foot brake NC"	Switch "Foot brake NO"	Poti "Foot accelerator"	Switch "Foot accelerator"



+SEAT

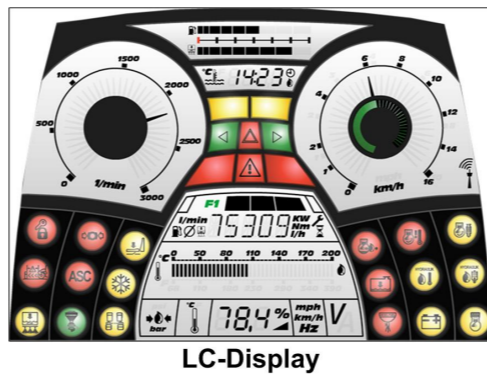
49.7 ~ U_SEAT_WK

-S225 
Switch, conveyor
reverse/load

A2
A1
A3

-X12 3

X12	3
Dig In	3
	-A81
	LC-Display
	-BMSAZ
	Switch "Load"



+SEAT-W2
Superflex N
42x1,00

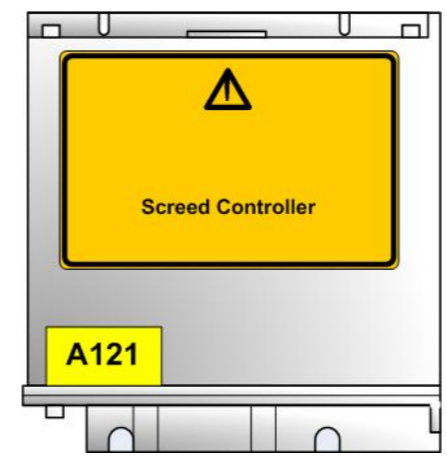
X3.W2 4

-X69 15

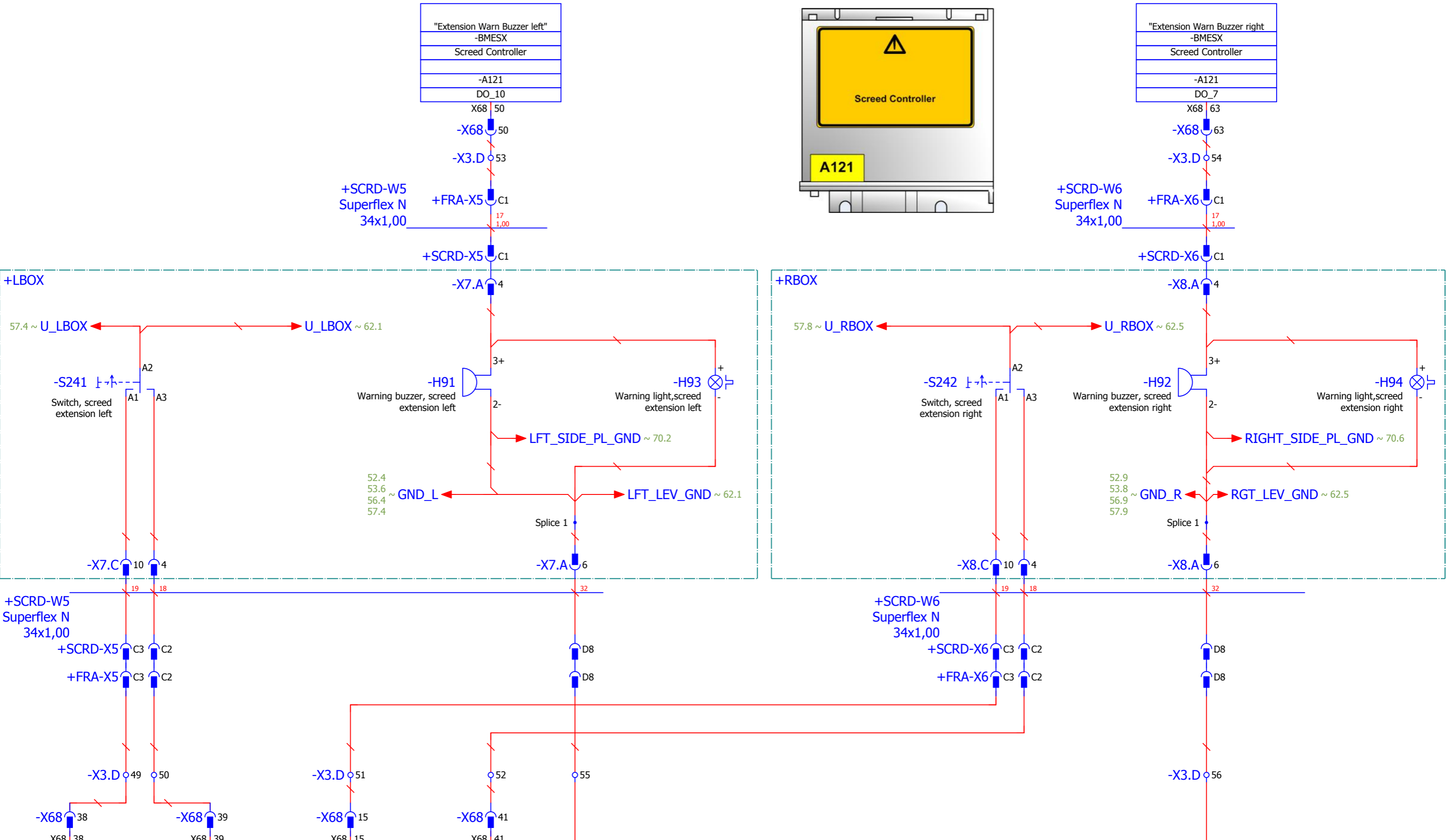
X69	15
DIN_8	
	-A122
	Material flow Controller
	-BMESX
	Switch "Conveyors Both Rev"



"Extension Warn Buzzer left"
-BMESX
Screed Controller
-A121
DO_10



"Extension Warn Buzzer right"
-BMESX
Screed Controller
-A121
DO_7



X68 38	X68 39	X68 15	X68 41
DIN_9	DIN_11	DIN_8	DIN_15
-A121	-A121	-A121	-A121
Screed Controller	Screed Controller	Screed Controller	Screed Controller
-BMESX	-BMESX	-BMESX	-BMESX
Switch "Extension Left Open S"	Switch "Extension Left Close S"	Switch "Extension Right Open S"	Switch "Extension Right Close S"

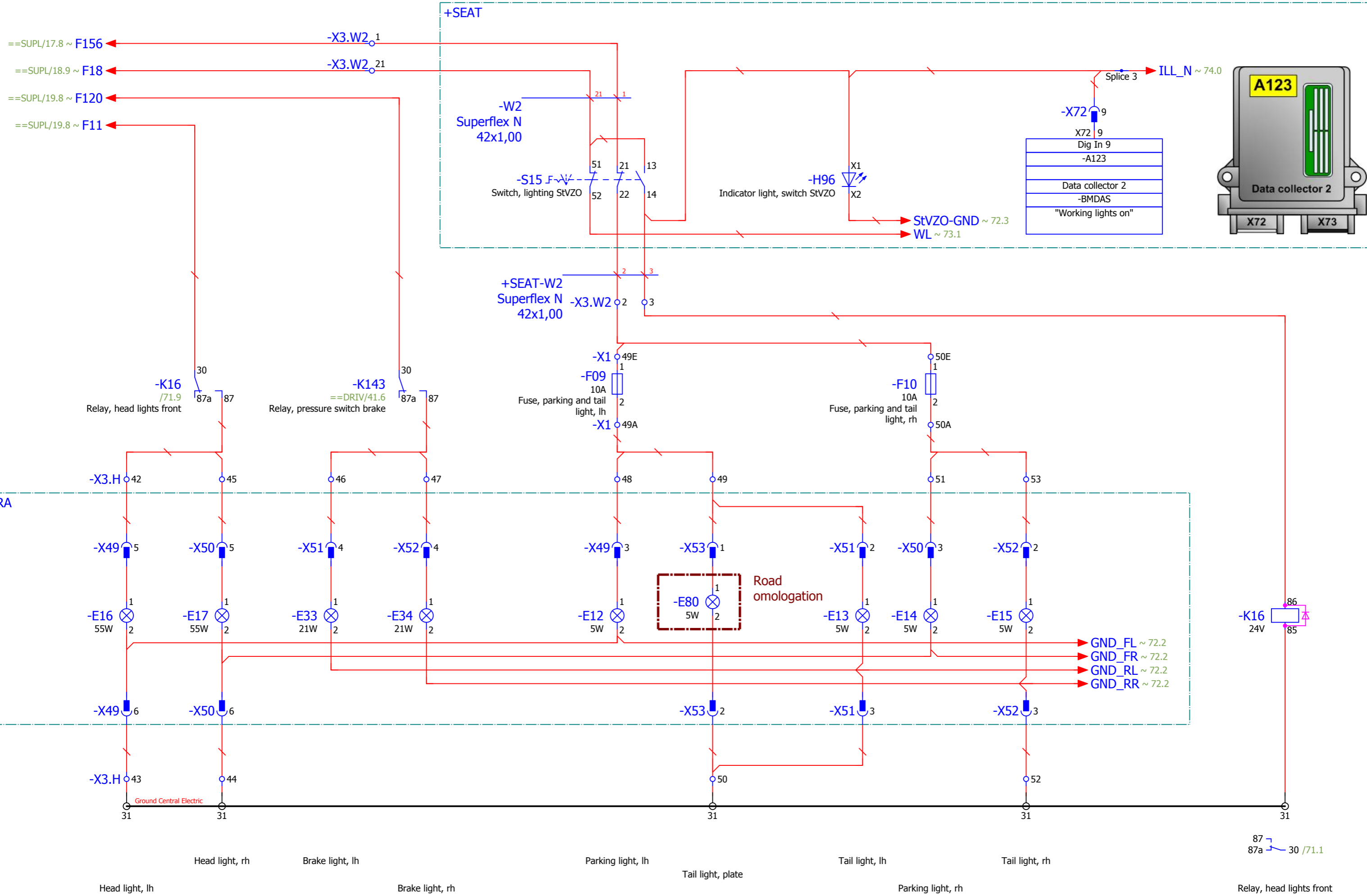
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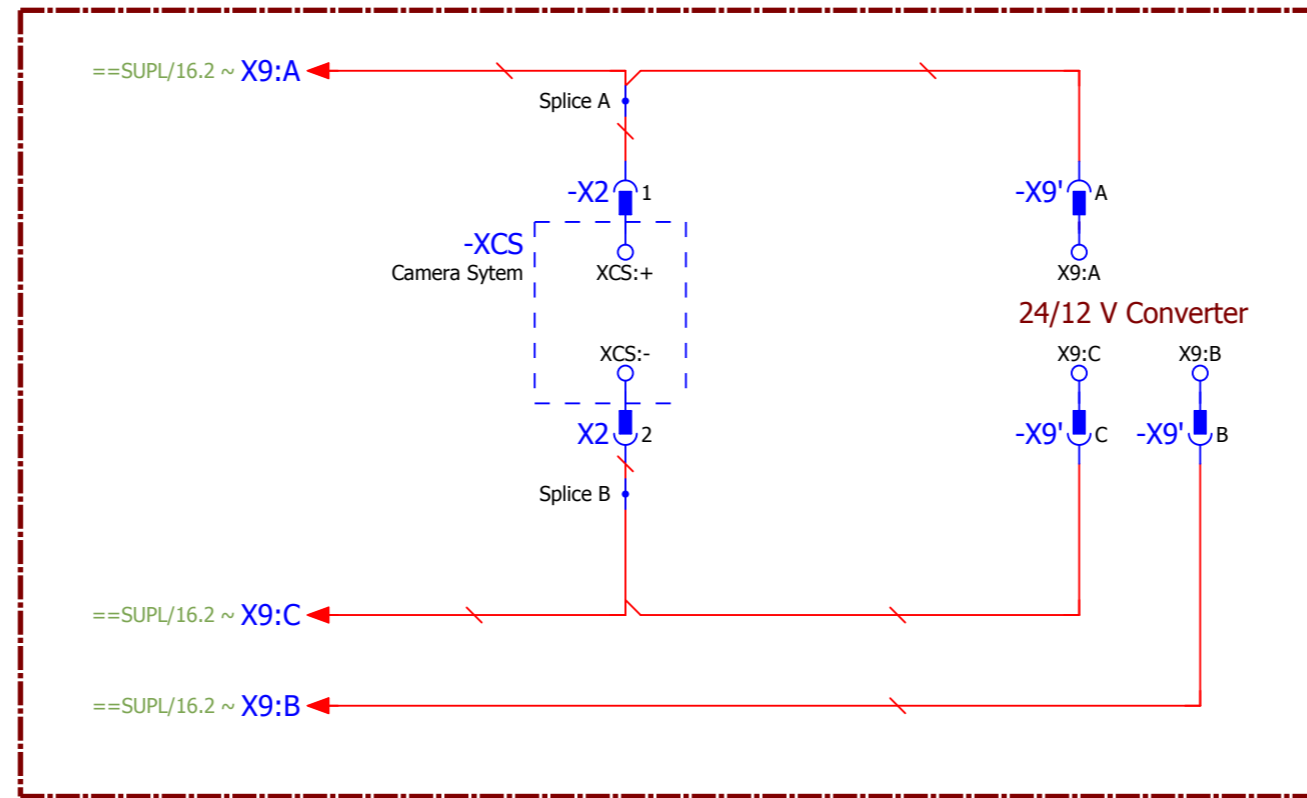
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0	1	2	3	4	5	6	7	8	9
Created Realizzato	R.Zaniboni 08/02/2017	BF600P "ACM2.1 Evo"		BOMAG FAYAT GROUP		Traffic lights		Higher-level function Impianto = BF	Page Pagina 71 from pag. 144
Checked Controllato	L.Zuccarino 10/02/2017	BF600P EDC16						Function Funzione = ILUM	442
								Mounting location Montaggio località + EBOX	

+SEAT

OPTION




0	1	2	3	4	5	6	7	8	9
Created Realizzato R.Zaniboni 08/02/2017	BF600P "ACM2.1 Evo" BF600P EDC16		 BOMAG FAYAT GROUP	Camera system				Higher-level function Impianto = BF	Page Pagina 81 from pag. 144
Checked Controllato L.Zuccarino 10/02/2017								Function Funzione = COMF	442
								Mounting location Montaggio località + EBOX	

Device tag list

l'elenco componenti

Device tag SEF	Page Path pagina col	Mounting location montaggio località	Higher-level function impianto	Function text Testo funzionale	characteristics caratteristiche
SP3	70 3	+LSP	=BF	Splice 3	
SP3	70 8	+RSP	=BF	-- " --	
SP4	77 4	+SEAT	=BF	Splice 4	
SP4	34 8	+FRA	=BF	Splice 4	
SP4	74 4	+ROOF	=BF	Splice 4	
SP4	70 4	+LSP	=BF	Splice 4	
SP4	70 9	+RSP	=BF	-- " --	
SP5	77 4	+SEAT	=BF	Splice 5	
SP5	34 1	+FRA	=BF	Splice 5	
SP5	74 6	+ROOF	=BF	Splice 5	
SP6	33 2	+MOT	=BF	Splice 6	
SP6	15 3	+SEAT	=BF	Splice 6	
SP6	35 4	+FRA	=BF	Splice 6	
SP6	74 6	+ROOF	=BF	Splice 6	
SP7	73 8	+EBOX	=BF	Splice 7	
SP7	32 6	+MOT	=BF	-- " --	
SP7	25 6	+SEAT	=BF	-- " --	
SP7	75 4	+ROOF	=BF	-- " --	
SP8	73 8	+EBOX	=BF	Splice 8	
SP8	31 2	+SEAT	=BF	-- " --	
SP8	75 4	+ROOF	=BF	-- " --	
SP9	31 2	+SEAT	=BF	Splice 9	
SP9	74 3	+ROOF	=BF	-- " --	
SP10	20 1	+SEAT	=BF	Splice 10	
SP10	34 1	+FRA	=BF	-- " --	
SP11	34 1	+FRA	=BF	Splice 11	
SP12	31 8	+SEAT	=BF	Splice 12	
SP13	50 2	+SEAT	=BF	Splice 13	
SP14	50 4	+SEAT	=BF	Splice 14	
SP15	55 2	+SEAT	=BF	Splice 15	
SP16	55 6	+SEAT	=BF	Splice 16	
SP17	49 3	+SEAT	=BF	Splice 17	
SP18	16 1	+SEAT	=BF	Splice 18	
SP19	16 3	+SEAT	=BF	Splice 19	
SP20	79 2	+SEAT	=BF	Splice 20	
SP A	81 4	+SEAT	=BF	Splice A	
SP B	81 4	+SEAT	=BF	Splice B	

0	1	2	3	4	5	6	7	8	9
Created Realizzato	R.Zaniboni 08/02/2017	BF600P "ACM2.1 Evo" BF600P EDC16	 BOMAG FAYAT GROUP	Component-Listing				Higher-level function Impianto =	Page Pagina 91 from pag. 144
Checked Controllato	L.Zuccarino 10/02/2017							Function Funzione ==	442
								Mounting location Montaggio località +	

Terminal strip overview

descrizione della striscia terminale

X3.F					
Mounting location montaggio località		=BF+EBOX			
Device tag SEF	Page pagina	Path col			
X3.F:3	39	2	X3.F:37	66	1
X3.F:4	39	2	X3.F:38	66	3
X3.F:5	49	3	X3.F:39	66	3
X3.F:6	49	4	X3.F:40	66	4
X3.F:7	49	3	X3.F:41	66	4
X3.F:8	49	5	X3.F:42	66	5
X3.F:9	49	5	X3.F:43	66	6
X3.F:10	49	6	X3.F:44	66	4
X3.F:11	49	6	X3.F:45	66	7
X3.F:12	49	6	X3.F:46	66	7
X3.F:13	49	7	X3.F:47	66	8
X3.F:14	54	3	X3.F:48	67	5
X3.F:15	54	4	X3.F:49	67	6
X3.F:16	54	5	X3.F:50	67	5
X3.F:17	54	3	X3.F:51	69	4
X3.F:18	54	5	X3.F:52	69	4
X3.F:19	54	6	X3.F:53	69	4
X3.F:20	58	3	X3.F:54	66	6
X3.F:21	58	4			
X3.F:22	58	5			
X3.F:23	58	3			
X3.F:24	58	5			
X3.F:25	58	6			
X3.F:26	59	7			
X3.F:27	59	8			
X3.F:28	59	7			
X3.F:29	63	2			
X3.F:30	63	3			
X3.F:1	77	8			
X3.F:31	63	4			
X3.F:2	77	8			
X3.F:32	63	5			
X3.F:33	63	2			
X3.F:34	63	4			
X3.F:35	66	1			
X3.F:36	66	2			

Plug overview

descrizione del connettore

Designation descrizione	Mounting location montaggio località	Function text testo funzione
X5	=BF+SCRD	

Contact contatto	Page pagina	Path col	Type tipo
A6	52	2	
A7	53	5	
A8	52	0	
A9	16	5	
A10	16	5	
B1	56	2	
B2	57	4	
B3	57	2	
B4	56	3	
B5	56	1	
B6	56	1	
B7	57	2	
B8	57	2	
C1	61	3	
C2	61	1	
C3	61	0	
C4	56	4	
C5	62	1	
C6	62	2	
C7	62	4	
C8	62	4	
D1	37	4	
D2	52	1	
D3	52	4	
D4	62	3	
D5	62	3	
D6	56	2	
D7	56	2	
D8	61	4	

Designation descrizione	Mounting location montaggio località	Function text testo funzione
X6	=BF+FRA	

Contact contatto	Page pagina	Path col	Type tipo
A1	37	6	
A2	38	5	
A3	38	6	
A4	52	6	
A5	52	8	
A6	52	7	
A7	53	8	
A8	52	6	
A9	16	7	
A10	16	7	

Designation descrizione	Mounting location montaggio località	Function text testo funzione
----------------------------	---	---------------------------------

B1	56	7	
B2	57	8	
B3	57	6	
B4	56	9	
B5	56	6	
B6	56	7	
B7	57	6	
B8	57	6	
C1	61	8	
C2	61	7	
C3	61	6	
C4	56	8	
C5	62	7	
C6	62	7	
C7	62	8	
C8	62	8	
D1	37	7	
D2	52	6	
D3	52	9	
D4	62	6	
D5	62	6	
D6	56	5	
D7	56	6	
D8	61	8	

Designation descrizione	Mounting location montaggio località	Function text testo funzione
X6	=BF+SCRD	

Contact contatto	Page pagina	Path col	Type tipo
A1	37	6	
A2	38	5	
A3	38	6	
A4	52	6	
A5	52	8	
A6	52	7	
A7	53	8	
A8	52	6	
A9	16	7	
A10	16	7	
B1	56	7	
B2	57	8	
B3	57	6	
B4	56	9	
B5	56	6	
B6	56	7	
B7	57	6	
B8	57	6	
C1	61	8	

Plug overview

descrizione del connettore

Designation descrizione	Mounting location montaggio località	Function text testo funzione
X68	=BF+EBOX	
Contact contatto	Page pagina	Path col
15	61	2
16	62	4
17	28	3
18	60	2
19	60	6
20	66	2
21	67	6
22	67	5
23	24	5
24	60	6
25	60	7
26	30	2
27	30	1
28	22	1
29	63	4
30	63	5
31	63	2
32	63	3
33	29	8
34	62	7
35	62	8
36	67	7
37	67	8
38	61	0
39	61	1
40	27	6
41	61	3
42	66	7
43	66	6
44	66	8
45	60	7
46	63	2
47	63	3
48	63	4
49	63	5
50	61	3
51	66	5
52	28	4
53	29	7
54	22	2
55	22	5
56	22	3
57	22	4

Designation descrizione	Mounting location montaggio località	Function text testo funzione
58	22	4
59	22	5
60	22	6
61	27	5
62	66	1
63	61	8
64	66	4
65	22	6
66	22	7
67	22	8
68	22	9
X69	=BF+EBOX	
Contact contatto	Page pagina	Path col
2	49	3
3	49	4
6	53	5
7	53	8
8	57	4
9	57	8
10	28	6
11	55	6
12	55	1
13	55	5
14	50	1
15	51	2
16	50	3
17	28	7
18	57	2
19	57	6
20	54	3
21	54	4
22	53	4
24	49	5
25	49	6
26	30	4
27	30	3
28	23	1
29	49	6
30	49	7
33	30	6
34	53	2
35	53	3
36	55	3
37	55	4
38	49	3

0	1	2	3	4	5	6	7	8	9
Created Realizzato	R.Zaniboni 08/02/2017	BF600P "ACM2.1 Evo" BF600P EDC16	 BOMAG FAYAT GROUP	Plug diagram				Higher-level function Impianto =	Page Pagina 121 from pag. 144
Checked Controllato	L.Zuccarino 10/02/2017						Function Funzione ==	442	
							Mounting location Montaggio località +		

Cable diagram

lista cavi

Cable name nome cavo =BF+SCRD-W5	Cable type tipo cavo Superflex N		No. of conductors n° cond 34	Cross-section sezione 1,00	Remark nota	Harness connection sidepanel left		
Function text testo funzione	Page pagina	Path col	Target designation from destinazione da	Conductor cond	Target designation to destinazione a	Page pagina	Path col	Function text testo funzione
	16	5	X7.B 12	GNYE	X5 A10	16	5	
	37	4	X7.A 2	1	X5 A1	37	4	
	38	3	X7.A 3	2	X5 A2	38	3	
	38	3	X7.A 8	3	X5 A3	38	3	
	52	0	X7.C 1	4	X5 A4	52	0	
	52	3	X7.C 7	5	X5 A5	52	3	
	52	2	X7.B 1	6	X5 A6	52	2	
	53	5	X7.C 2	7	X5 A7	53	5	
	52	0	X7.A 1	8	X5 A8	52	0	
	56	2	X7.B 7	9	X5 B1	56	2	
	57	4	X7.C 8	10	X5 B2	57	4	
	57	2	X7.B 8	11	X5 B3	57	2	
	56	3	X7.B 4	12	X5 B4	56	3	
	56	1	X7.C 3	13	X5 B5	56	1	
	56	1	X7.C 9	14	X5 B6	56	1	
	57	2	X7.B 2	15	X5 B7	57	2	
	57	2	X7.B 10	16	X5 B8	57	2	
	61	3	X5 C1	17	X5 C1	61	3	
	61	1	X7.C 4	18	X5 C2	61	1	
	61	0	X7.C 10	19	X5 C3	61	0	
	56	4	X7.A 5	20	X5 C4	56	4	
	62	1	X7.C 5	21	X5 C5	62	1	
	62	2	X7.C 11	22	X5 C6	62	2	
	62	4	X7.B 5	23	X5 C7	62	4	
	62	4	X7.B 11	24	X5 C8	62	4	
	37	4	X7.A 7	25	X5 D1	37	4	
	52	1	X7.B 3	26	X5 D2	52	1	

0	1	2	3	4	5	6	7	8	9				
Created Realizzato	R.Zaniboni 08/02/2017	BF600P "ACM2.1 Evo" BF600P EDC16		Cable diagram W5 Schema cablaggio W5				Higher-level function Impianto	=	Page Pagina	131	from from pag.	144
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								Mounting location Montaggio località	+				

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