

Project description                      BF800-2 C T4f Deutz TCD 6.1  
 Designazione dell'impianto  
 Drawing number                              316  
 numero disegno

Pages      139  
 pagine

0	1	2	3	4	5	6	7	8	9				
Created Realizzato	R.Zaniboni 10/05/2016	<b>BF800-2 C T4f Deutz TCD 6.1</b>		Title page / cover sheet Foglio del titolo / copertina				Higher-level function Impianto	=	Page Pagina	1	from pag.	139
Checked Controllato	L.Zuccarino 16/06/2016							Function Funzione	= =	316			
								Mounting location Montaggio località	+				

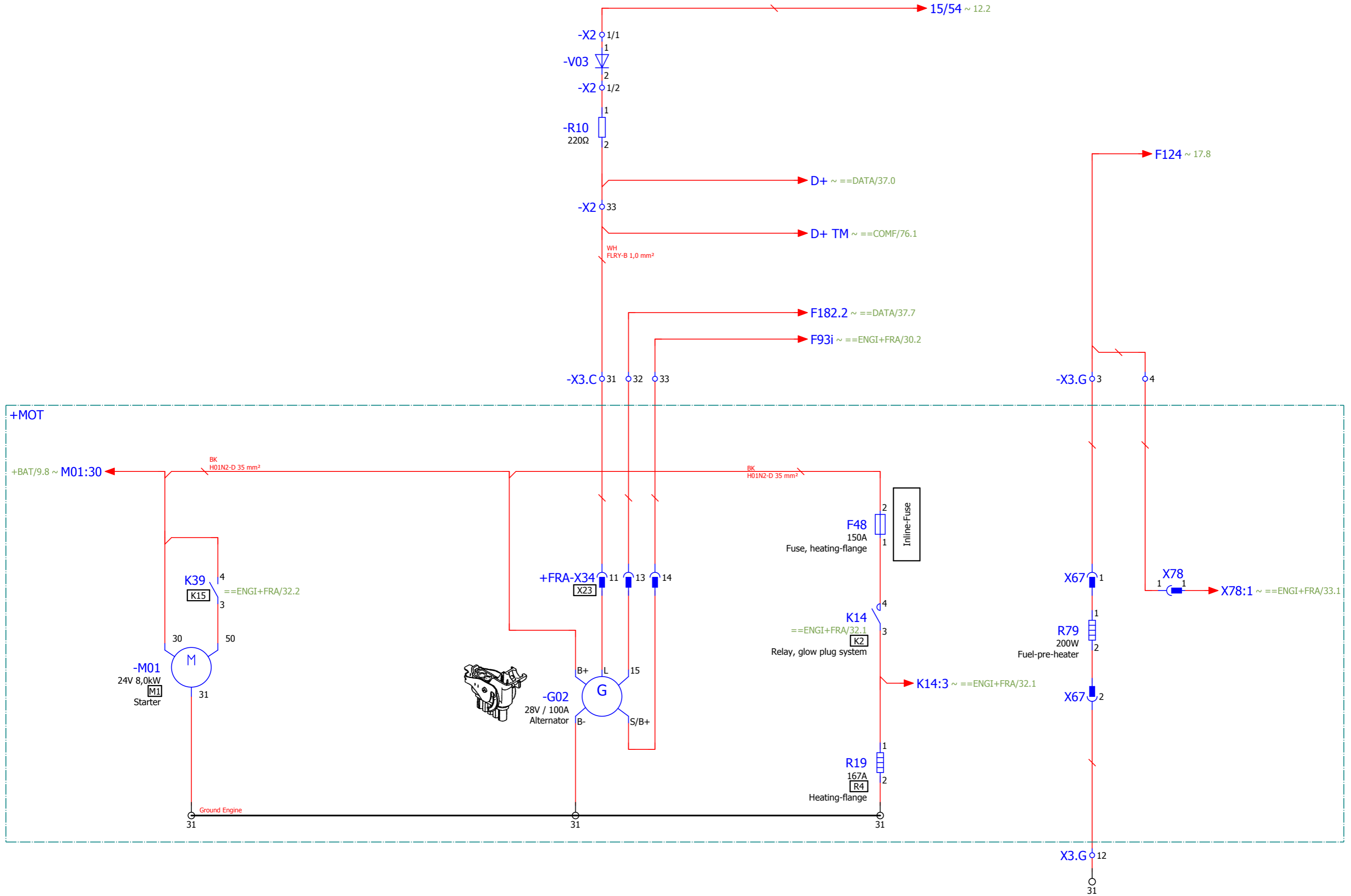
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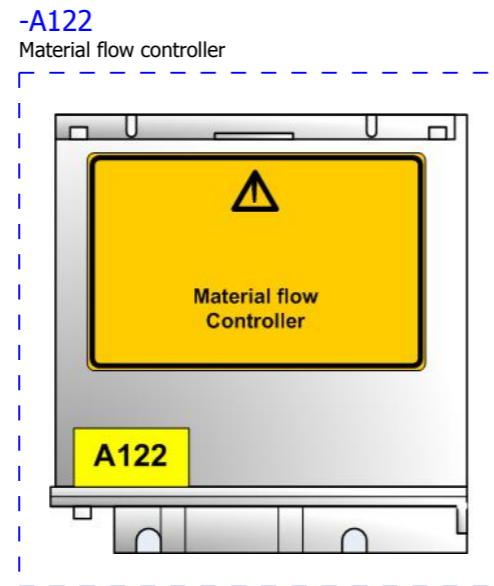
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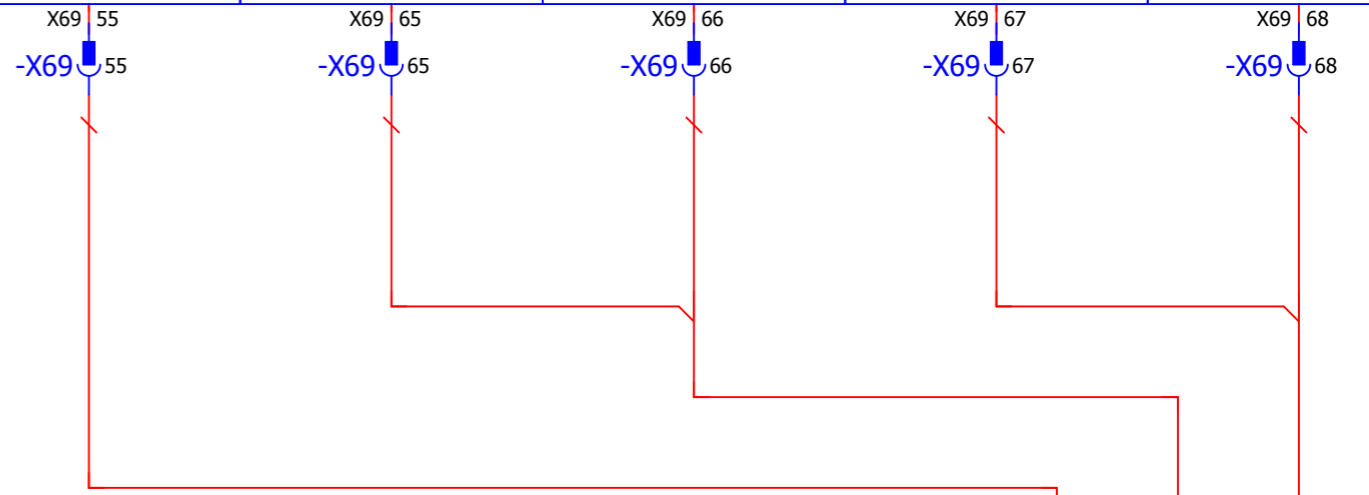


0	1	2	3	4	5	6	7	8	9
Created Realizzato	R.Zaniboni 10/05/2016	<b>BF800-2 C T4f Deutz TCD 6.1</b>		<b>BOMAG</b> FAYAT GROUP	Supply, Starting unit, Glow plug			Higher-level function Impianto = <b>BF</b>	Page Pagina <b>11</b> from pag. <b>139</b>
Checked Controllato	L.Zuccharino 16/06/2016							Function Funzione = <b>SUPL</b>	<b>316</b>
								Mounting location Montaggio località + <b>EBOX</b>	

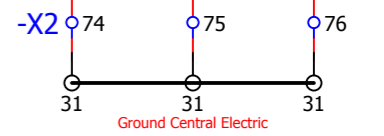
15.8 ~ F146  
 18.9 ~ F258  
 20.9 ~ F148.1



Ground Electronic -BMESX	Ground Electronic -BMESX	Ground Electronic -BMESX	Ground Electronic -BMESX	Ground Electronic -BMESX
Material flow controller	Material flow controller	Material flow controller	Material flow controller	Material flow controller
-A122	-A122	-A122	-A122	-A122
GND	GND	GND	GND	GND



				-SP3 Splice			
X69 28	X69 54	X69 56	X69 57	X69 58	X69 59	X69 60	
D+	+UE	+UB	+UB	+UB	+UB	+UB	
-A122	-A122	-A122	-A122	-A122	-A122	-A122	
Material flow controller	Material flow controller	Material flow controller	Material flow controller	Material flow controller	Material flow controller	Material flow controller	
-BMESX	-BMESX	-BMESX	-BMESX	-BMESX	-BMESX	-BMESX	
Ignition	Power Supply (Electronic)	Power Supply (Outputs)	Power Supply (Outputs)	Power Supply (Outputs)	Power Supply (Outputs)	Power Supply (Outputs)	



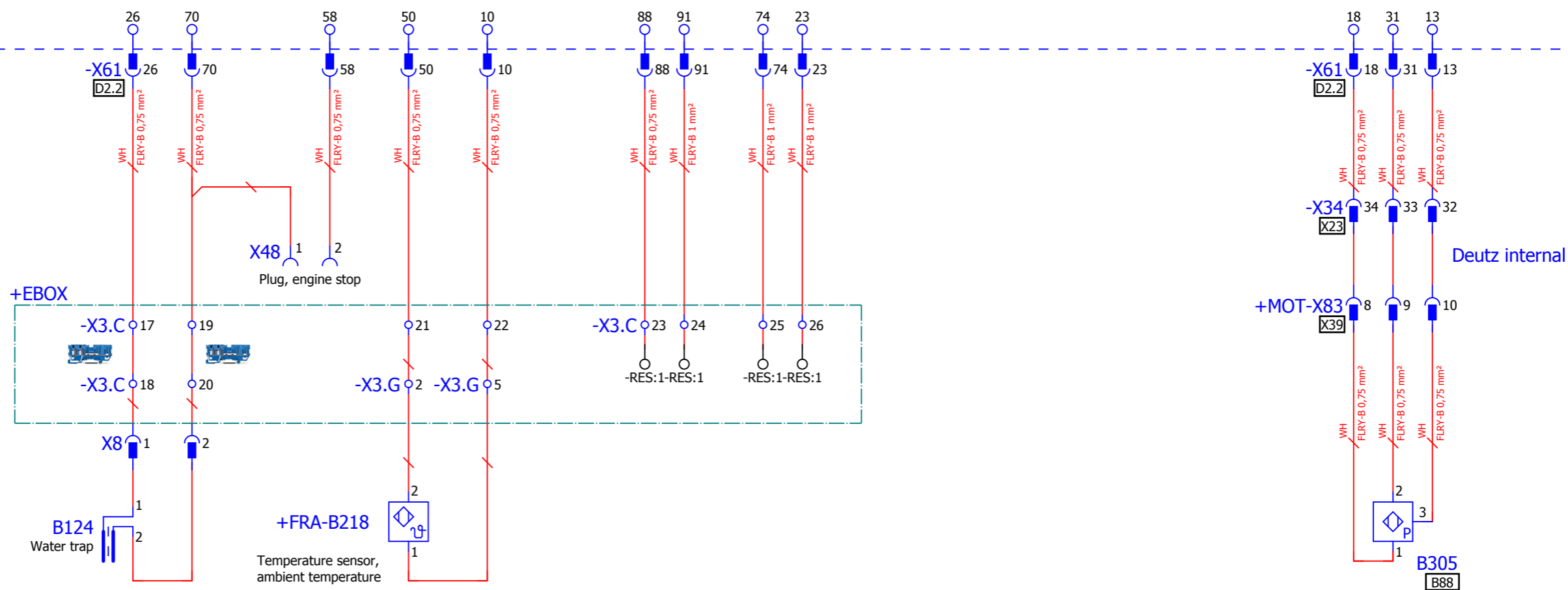
A48

D2

Engine-controller EMR4 (EDC 17-CV52)

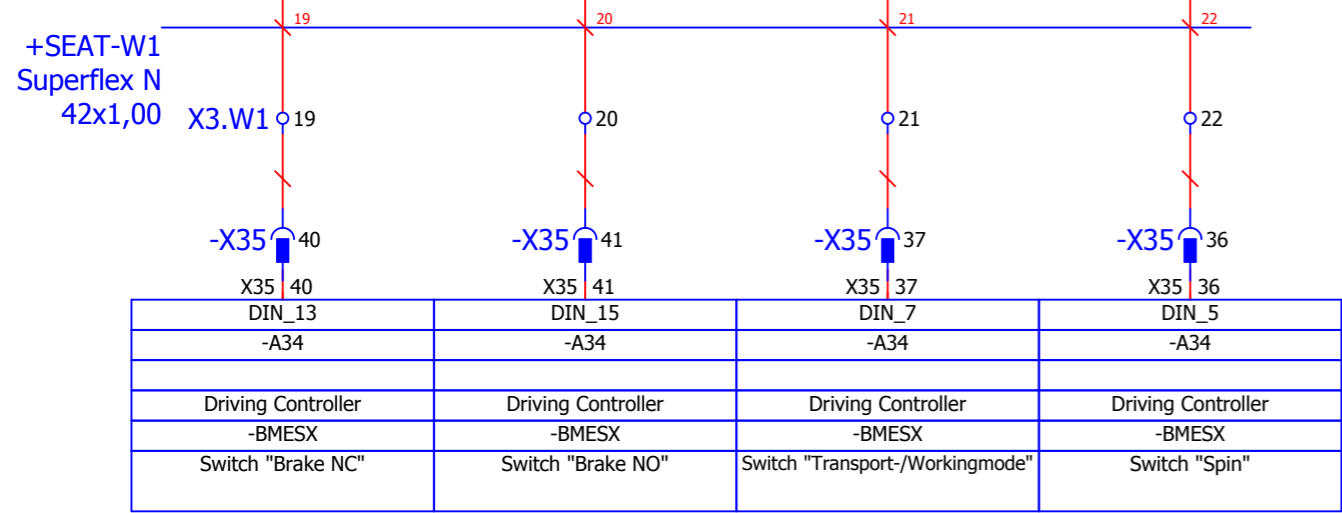
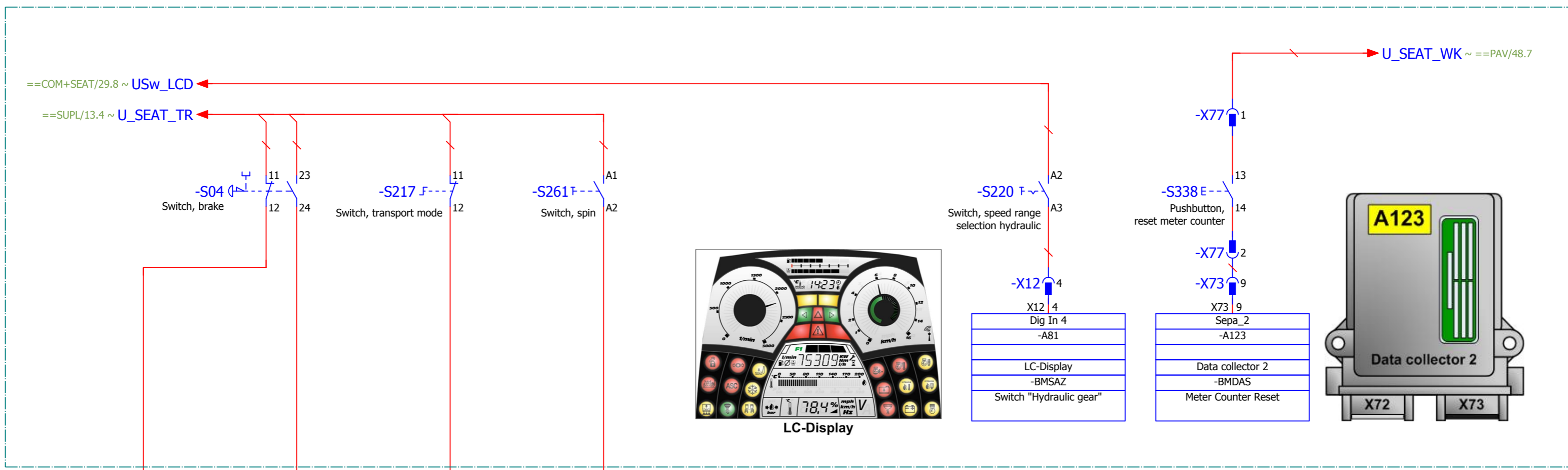


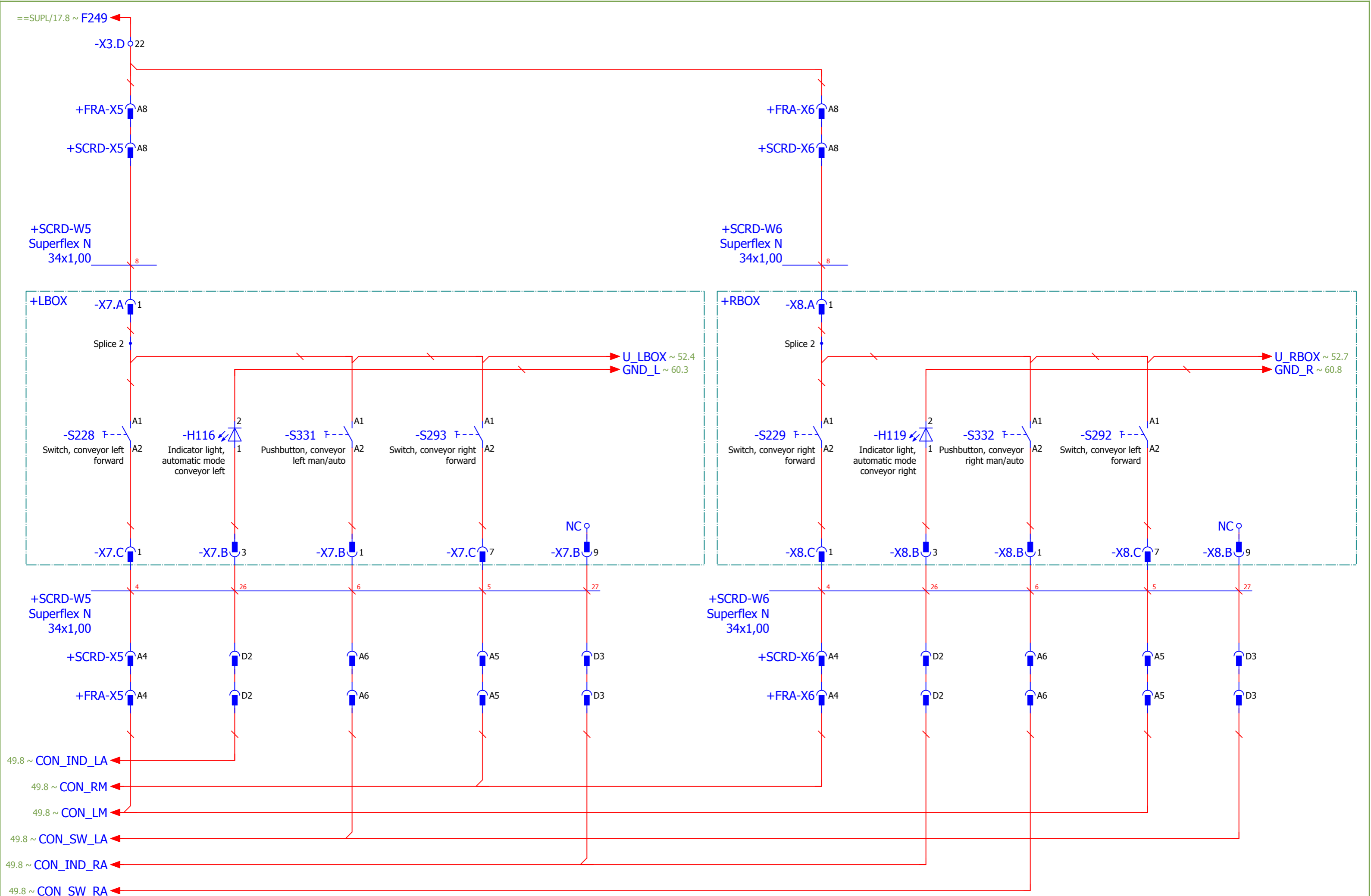
D2.2



EMR Pressure sensor, pressure after DPF

0	1	2	3	4	5	6	7	8	9				
Created Realizzato	<b>R.Zaniboni</b> 10/05/2016	<b>BF800-2 C T4f Deutz TCD</b>		<b>BOMAG</b> FAYAT GROUP		DEUTZ Engine Controller EMR4 (EDC17 CV52)		Higher-level function Impianto	= BF	Page Pagina	31	from from pag.	139
Checked Controllato	<b>L.Zuccharino</b> 16/06/2016	<b>6.1</b>						Function Funzione	= ENGI	316			
								Mounting location Montaggio località	+ FRA				





0	1	2	3	4	5	6	7	8	9				
Created Realizzato	R.Zaniboni 10/05/2016	<b>BF800-2 C T4f Deutz TCD</b>		 <b>BOMAG</b> FAYAT GROUP		Conveyors		Higher-level function Impianto	= BF	Page Pagina	51	from from pag.	139
Checked Controllato	L.Zuccarino 16/06/2016	<b>6.1</b>						Function Funzione	= PAV	316			
								Mounting location Montaggio località	+ EBOX				

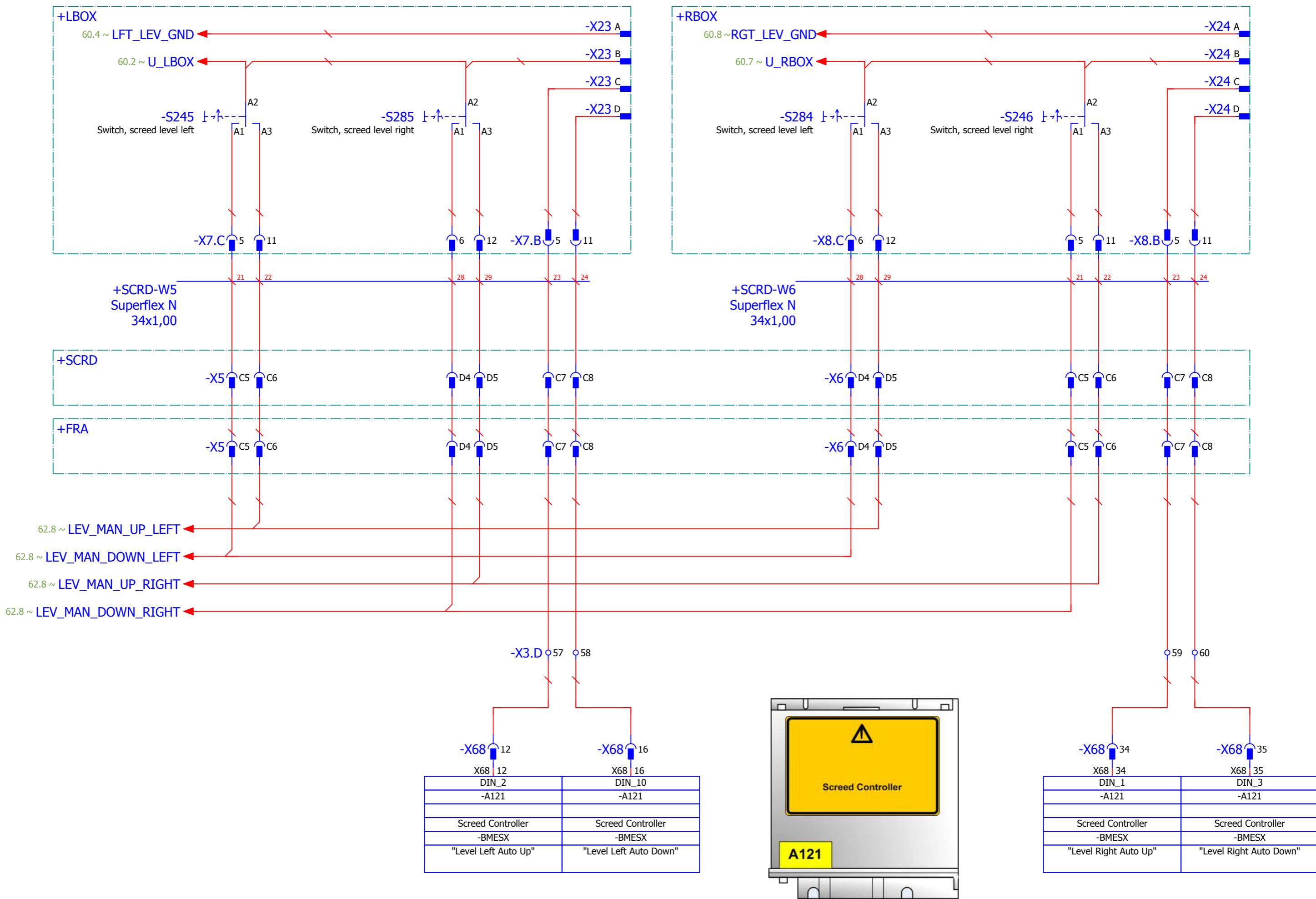
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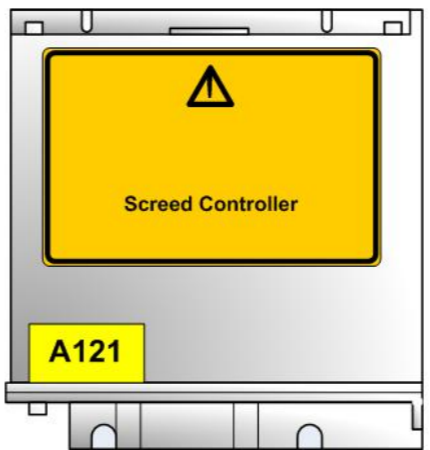


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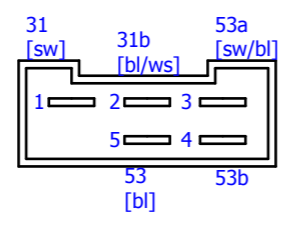
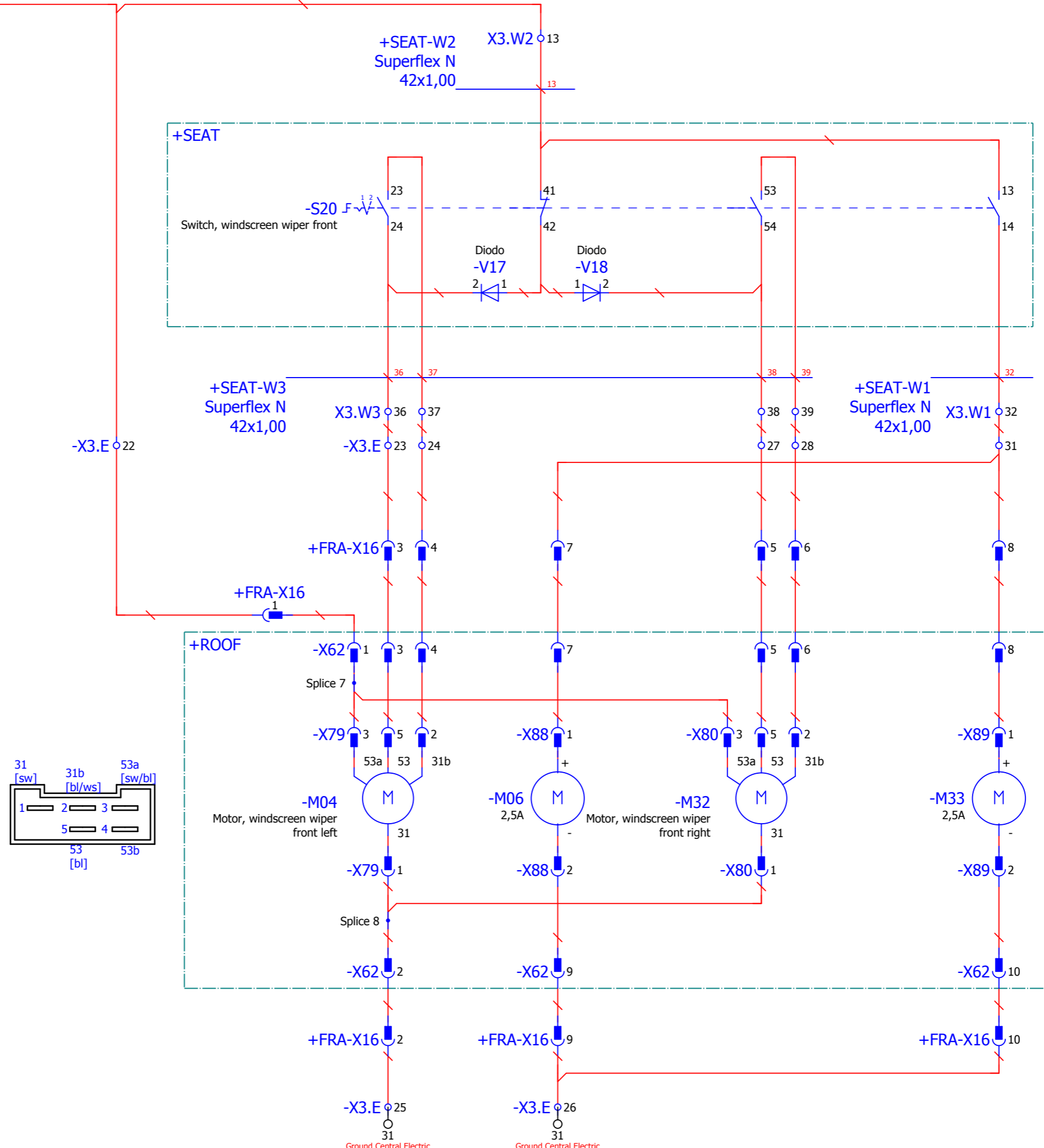
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-X68 12	-X68 16
X68 12	X68 16
DIN_2	DIN_10
-A121	-A121
Screed Controller	Screed Controller
-BMESX	-BMESX
"Level Left Auto Up"	"Level Left Auto Down"



-X68 34	-X68 35
X68 34	X68 35
DIN_1	DIN_3
-A121	-A121
Screed Controller	Screed Controller
-BMESX	-BMESX
"Level Right Auto Up"	"Level Right Auto Down"



0	1	2	3	4	5	6	7	8	9	
Created Realizzato	R.Zaniboni 10/05/2016	<b>BF800-2 C T4f Deutz TCD</b>		<b>BOMAG</b> FAYAT GROUP		Windscreen Wipers			Higher-level function Impianto = <b>BF</b>	Page Pagina <b>71</b> from pag. <b>139</b>
Checked Controllato	L.Zuccarino 16/06/2016	<b>6.1</b>					Function Funzione = <b>ILUM</b>			<b>316</b>
								Mounting location Montaggio località + <b>EBOX</b>		

# 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
F250	33 2	+FRA	=BF	Fuse, SCR control	30A
F251	33 2	+FRA	=BF	Fuse, NOx sensors	10A
F256	18 7	+EBOX	=BF	Fuse, controller (Pin 54)	5A
F257	18 8	+EBOX	=BF	-- " --	5A
F258	18 8	+EBOX	=BF	-- " --	5A
F260	18 6	+EBOX	=BF	Fuse, sensors	5A
F261	18 4	+EBOX	=BF	Fuse, GEN-ON	5A
F262	16 8	+EBOX	=BF	Fuse, Workin lights sidewise	10A
F300	17 7	+EBOX	=BF	Fuse, CAN I/O module	5A
F310	33 3	+FRA	=BF	Fuse, sensor urea quality	5A
F312	33 1	+FRA	=BF	Fuse, reserve	max. 20A
F313	33 2	+FRA	=BF	-- " --	max. 20A
F347	17 6	+EBOX	=BF	Fuse, movable platform	7,5A
FM1	22 2	+EBOX	=BF	Multifuse	
FM2	22 5	+EBOX	=BF	-- " --	
G01	9 3	+BAT	=BF	Battery	12V / 100Ah
G02	11 4	+MOT	=BF	Alternator	28V / 100A
G03	9 3	+BAT	=BF	Battery	12V / 100Ah
H07	37 8	+SEAT	=BF	Warning buzzer, breakdown	
H14	40 1	+FRA	=BF	Back-up alarm buzzer	
H46	69 2	+SEAT	=BF	Indicator light, head lights front	
H90	18 1	+SEAT	=BF	Indicator light, GEN-ON	
H91	60 3	+LBOX	=BF	Warning buzzer, screed extension left	
H92	60 8	+RBOX	=BF	Warning buzzer, screed extension right	
H93	60 4	+LBOX	=BF	Warning light,screed extension left	
H94	60 9	+RBOX	=BF	Warning light,screed extension right	
H112	69 8	+SEAT	=BF	Indicator light, rotary beacon	
H114	49 2	+SEAT	=BF	Indicator light, automatic mode conveyor left	
H115	49 4	+SEAT	=BF	Indicator light, automatic mode conveyor right	
H116	51 1	+LBOX	=BF	Indicator light, automatic mode conveyor left	
H119	51 6	+RBOX	=BF	Indicator light, automatic mode conveyor right	
H120	54 2	+SEAT	=BF	Indicator light, automatic mode auger left	
H121	54 6	+SEAT	=BF	Indicator light, automatic mode auger right	
H122	55 3	+LBOX	=BF	Indicator light, automatic mode auger left	
H123	55 9	+RBOX	=BF	Indicator light, automatic mode auger right	
H124	63 3	+SBOX	=BF	Indicator light, load control system	
H145	72 4	+SEAT	=BF	Indicator light, Cleaning	

# Terminal strip overview

## descrizione della striscia terminale

X2														
Mounting location montaggio località		=BF+EBOX												
Device tag SEF	Page pagina	Path col	X2:38		16		8		X2:76		21		9	
X2:1/1	11	4	X2:39	16	8	X2:76	44	8	X2:77/1	75	9	X2:77/2	75	9
X2:1/2	11	4	X2:40	16	8	X2:76	44	8	X2:77/1	75	9	X2:77/2	75	9
X2:2/1	39	9	X2:41	16	8	X2:76	44	8	X2:77/1	75	9	X2:77/2	75	9
X2:2/2	39	9	X2:42	16	8	X2:76	44	8	X2:77/1	75	9	X2:77/2	75	9
X2:3	22	2	X2:43	16	8	X2:76	44	8	X2:77/1	75	9	X2:77/2	75	9
X2:4	22	2	X2:65	26	6	X2:76	44	8	X2:77/1	75	9	X2:77/2	75	9
X2:5	22	5	X2:66	26	6	X2:76	44	8	X2:77/1	75	9	X2:77/2	75	9
X2:6	22	5	X2:67	26	7	X2:76	44	8	X2:77/1	75	9	X2:77/2	75	9
X2:7	52	1	X2:68	26	1	X2:76	44	8	X2:77/1	75	9	X2:77/2	75	9
X2:8	52	1	X2:69	26	2	X2:76	44	8	X2:77/1	75	9	X2:77/2	75	9
X2:9	52	2	X2:70	26	3	X2:76	44	8	X2:77/1	75	9	X2:77/2	75	9
X2:10	52	3	X2:71	26	4	X2:76	44	8	X2:77/1	75	9	X2:77/2	75	9
X2:11	30	7	X2:72	27	0	X2:76	44	8	X2:77/1	75	9	X2:77/2	75	9
X2:12	30	8	X2:72	39	9	X2:76	44	8	X2:77/1	75	9	X2:77/2	75	9
X2:15	56	1	X2:73	12	2	X2:76	44	8	X2:77/1	75	9	X2:77/2	75	9
X2:16	56	2	X2:73	13	5	X2:76	44	8	X2:77/1	75	9	X2:77/2	75	9
X2:17	56	5	X2:73	13	6	X2:76	44	8	X2:77/1	75	9	X2:77/2	75	9
X2:18	56	6	X2:73	38	8	X2:76	44	8	X2:77/1	75	9	X2:77/2	75	9
X2:19	27	1	X2:73	39	7	X2:76	44	8	X2:77/1	75	9	X2:77/2	75	9
X2:20	27	2	X2:73	40	3	X2:76	44	8	X2:77/1	75	9	X2:77/2	75	9
X2:21	27	2	X2:73	52	4	X2:76	44	8	X2:77/1	75	9	X2:77/2	75	9
X2:22	27	3	X2:73	69	1	X2:76	44	8	X2:77/1	75	9	X2:77/2	75	9
X2:23	27	3	X2:73	69	1	X2:76	44	8	X2:77/1	75	9	X2:77/2	75	9
X2:24	27	3	X2:73	69	2	X2:76	44	8	X2:77/1	75	9	X2:77/2	75	9
X2:25	27	4	X2:73	69	3	X2:76	44	8	X2:77/1	75	9	X2:77/2	75	9
X2:26	27	4	X2:74	19	8	X2:76	44	8	X2:77/1	75	9	X2:77/2	75	9
X2:27	27	5	X2:74	20	8	X2:76	44	8	X2:77/1	75	9	X2:77/2	75	9
X2:28	27	5	X2:74	21	8	X2:76	44	8	X2:77/1	75	9	X2:77/2	75	9
X2:29	27	6	X2:74	23	2	X2:76	44	8	X2:77/1	75	9	X2:77/2	75	9
X2:30	27	7	X2:74	23	2	X2:76	44	8	X2:77/1	75	9	X2:77/2	75	9
X2:31	27	8	X2:74	76	4	X2:76	44	8	X2:77/1	75	9	X2:77/2	75	9
X2:32	27	8	X2:75	19	8	X2:76	44	8	X2:77/1	75	9	X2:77/2	75	9
X2:33	11	4	X2:75	20	8	X2:76	44	8	X2:77/1	75	9	X2:77/2	75	9
X2:34	25	4	X2:75	21	8	X2:76	44	8	X2:77/1	75	9	X2:77/2	75	9
X2:35	25	4	X2:75	30	8	X2:76	44	8	X2:77/1	75	9	X2:77/2	75	9
X2:36	25	4	X2:75	19	9	X2:76	44	8	X2:77/1	75	9	X2:77/2	75	9
			X2:76	20	9	X2:76	44	8	X2:77/1	75	9	X2:77/2	75	9

# Terminal strip overview

## descrizione della striscia terminale

<b>X3.W3</b>		<b>Dashboard Dashboard</b>	
<b>Mounting location montaggio località</b>		<b>=BF+EBOX</b>	
<b>Device tag SEF</b>	<b>Page pagina</b>	<b>Path col</b>	
<b>X3.W3:1</b>	75	2	
<b>X3.W3:2</b>	75	2	
<b>X3.W3:3</b>	75	2	
<b>X3.W3:4</b>	75	3	
<b>X3.W3:5</b>	54	2	
<b>X3.W3:6</b>	54	6	
<b>X3.W3:8</b>	49	2	
<b>X3.W3:9</b>	69	8	
<b>X3.W3:10</b>	73	4	
<b>X3.W3:11</b>	49	4	
<b>X3.W3:12</b>	73	4	
<b>X3.W3:13</b>	49	1	
<b>X3.W3:14</b>	49	1	
<b>X3.W3:15</b>	49	3	
<b>X3.W3:16</b>	49	3	
<b>X3.W3:17</b>	54	1	
<b>X3.W3:18</b>	54	1	
<b>X3.W3:19</b>	54	3	
<b>X3.W3:20</b>	54	4	
<b>X3.W3:21</b>	54	5	
<b>X3.W3:22</b>	54	5	
<b>X3.W3:23</b>	62	3	
<b>X3.W3:24</b>	62	3	
<b>X3.W3:25</b>	62	5	
<b>X3.W3:26</b>	62	5	
<b>X3.W3:27</b>	39	1	
<b>X3.W3:28</b>	39	1	
<b>X3.W3:29</b>	38	2	
<b>X3.W3:32</b>	48	7	
<b>X3.W3:33</b>	48	7	
<b>X3.W3:36</b>	71	4	
<b>X3.W3:37</b>	71	4	
<b>X3.W3:38</b>	71	6	
<b>X3.W3:39</b>	71	6	
<b>X3.W3:40</b>	70	1	
<b>X3.W3:42</b>	23	6	

# Plug overview

## descrizione del connettore

Designation descrizione	Mounting location montaggio località	Function text testo funzione
X35	=BF+EBOX	
<b>Contact contatto</b>	<b>Page pagina</b>	<b>Path col</b>
24	13	3
26	27	3
27	27	2
28	19	1
33	27	5
34	44	2
35	44	4
36	41	3
37	41	2
38	40	1
39	40	2
40	41	1
41	41	2
45	45	3
46	45	4
47	45	5
48	45	6
49	45	7
50	13	4
51	40	1
52	13	3
53	27	4
54	19	2
55	19	5
56	19	3
57	19	4
58	19	4
59	19	5
60	19	6
61	25	2
64	40	2
65	19	6
66	19	7
67	19	8
68	19	9
X38	=BF+LBOX	Plug, potentiometer torque
<b>Contact contatto</b>	<b>Page pagina</b>	<b>Path col</b>
1	52	5
2	52	5
3	52	5

Designation descrizione	Mounting location montaggio località	Function text testo funzione
X39	=BF+RBOX	Plug, potentiometer torque
<b>Contact contatto</b>	<b>Page pagina</b>	<b>Path col</b>
1	52	8
2	52	8
3	52	8
X40	=BF+LBOX	Plug, potentiometer torque
<b>Contact contatto</b>	<b>Page pagina</b>	<b>Path col</b>
1	56	4
2	56	4
3	56	4
X41	=BF+RBOX	Plug, potentiometer torque
<b>Contact contatto</b>	<b>Page pagina</b>	<b>Path col</b>
1	56	8
2	56	8
3	56	8
X42	=BF+LBOX	
<b>Contact contatto</b>	<b>Page pagina</b>	<b>Path col</b>
A	68	3
B	68	4
X42	=BF+SBOX	
<b>Contact contatto</b>	<b>Page pagina</b>	<b>Path col</b>
1	63	4
2	63	4
3	63	4
X43	=BF+RBOX	
<b>Contact contatto</b>	<b>Page pagina</b>	<b>Path col</b>
A	68	8
B	68	9
X43	=BF+SBOX	
<b>Contact contatto</b>	<b>Page pagina</b>	<b>Path col</b>
1	63	5
2	63	5
3	63	5
X44	=BF+FRA	
<b>Contact contatto</b>	<b>Page pagina</b>	<b>Path col</b>
02	35	2



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