

Bomag GmbH


Industriegebiet Hellerwald
D-56154 Boppard

Project description **BF300P**

Designazione dell'impianto

Drawing number **210**
numero disegno

Pages **81**
pagine

0	1	2	3	4	5	6	7	8	9				
Created realizzato	M. Vogt 14.06.2013	BF300P	 BOMAG FAYAT GROUP	Title page / cover sheet				Higher-level function impianto	=	Page pagina	1	from da	81
Checked controllato	L. Zuccarino 21.04.2009			Foglio del titolo / copertina				Function funzione	==	210			
								Mounting location montaggio località	+	EPE / 000 / 00			

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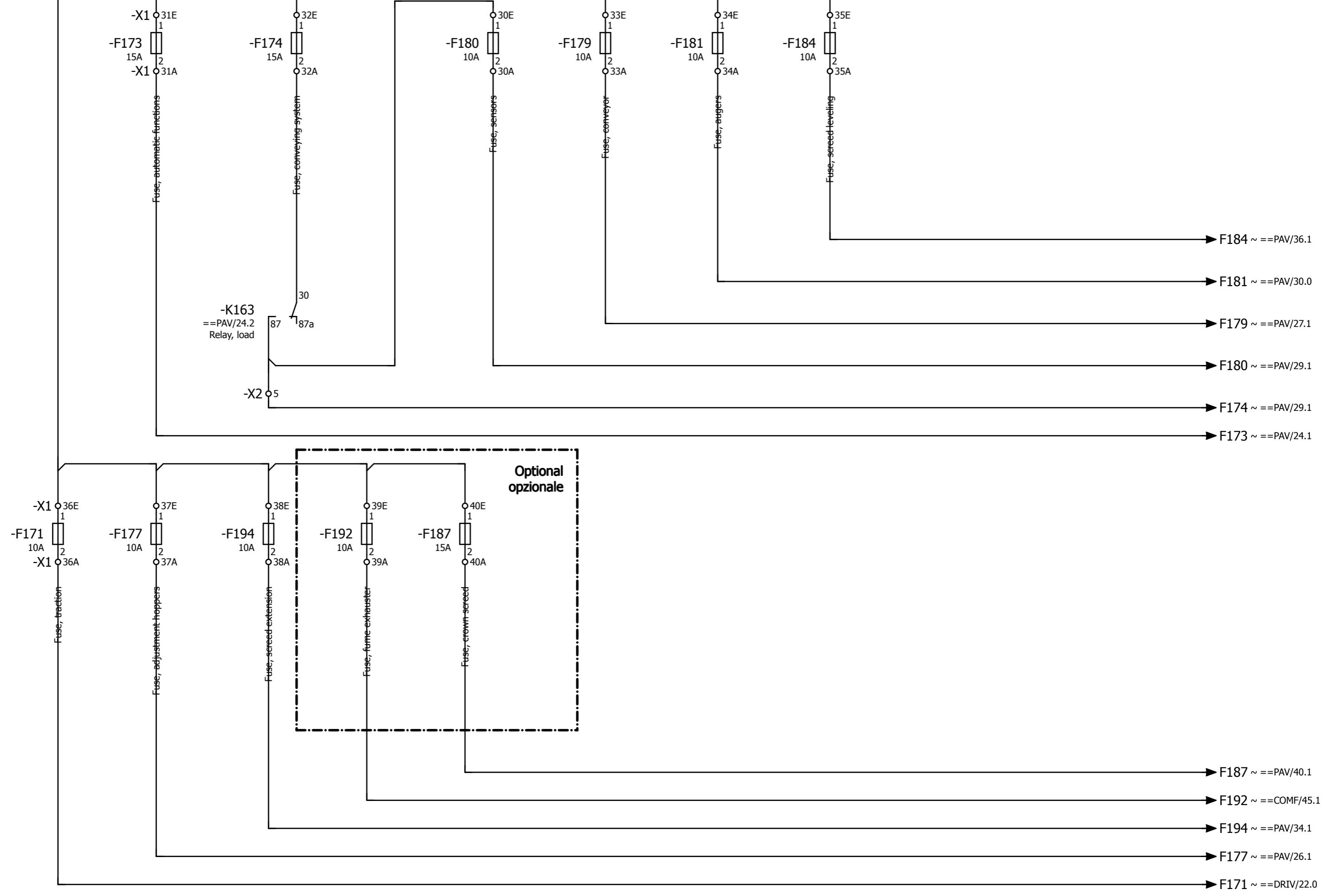
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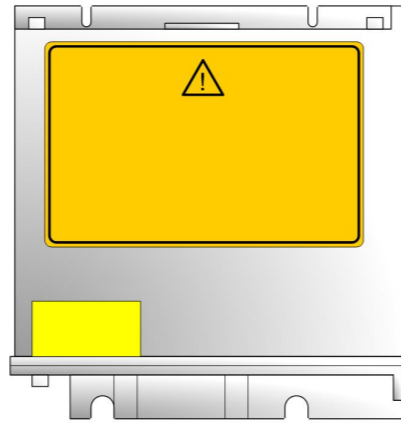


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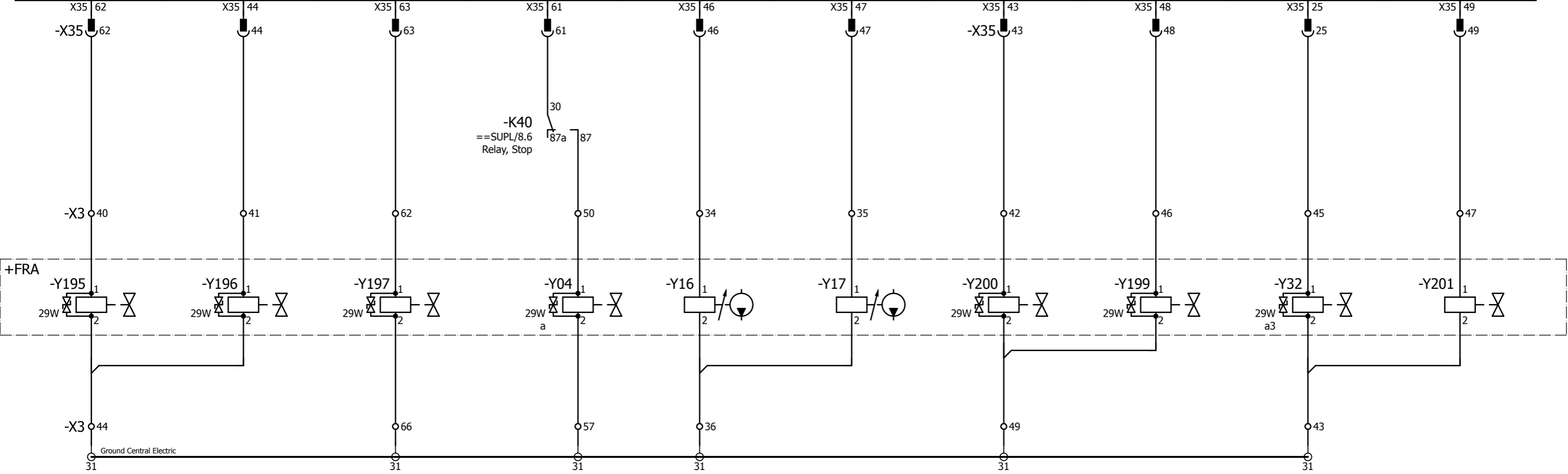
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10.9 ~ K161:87

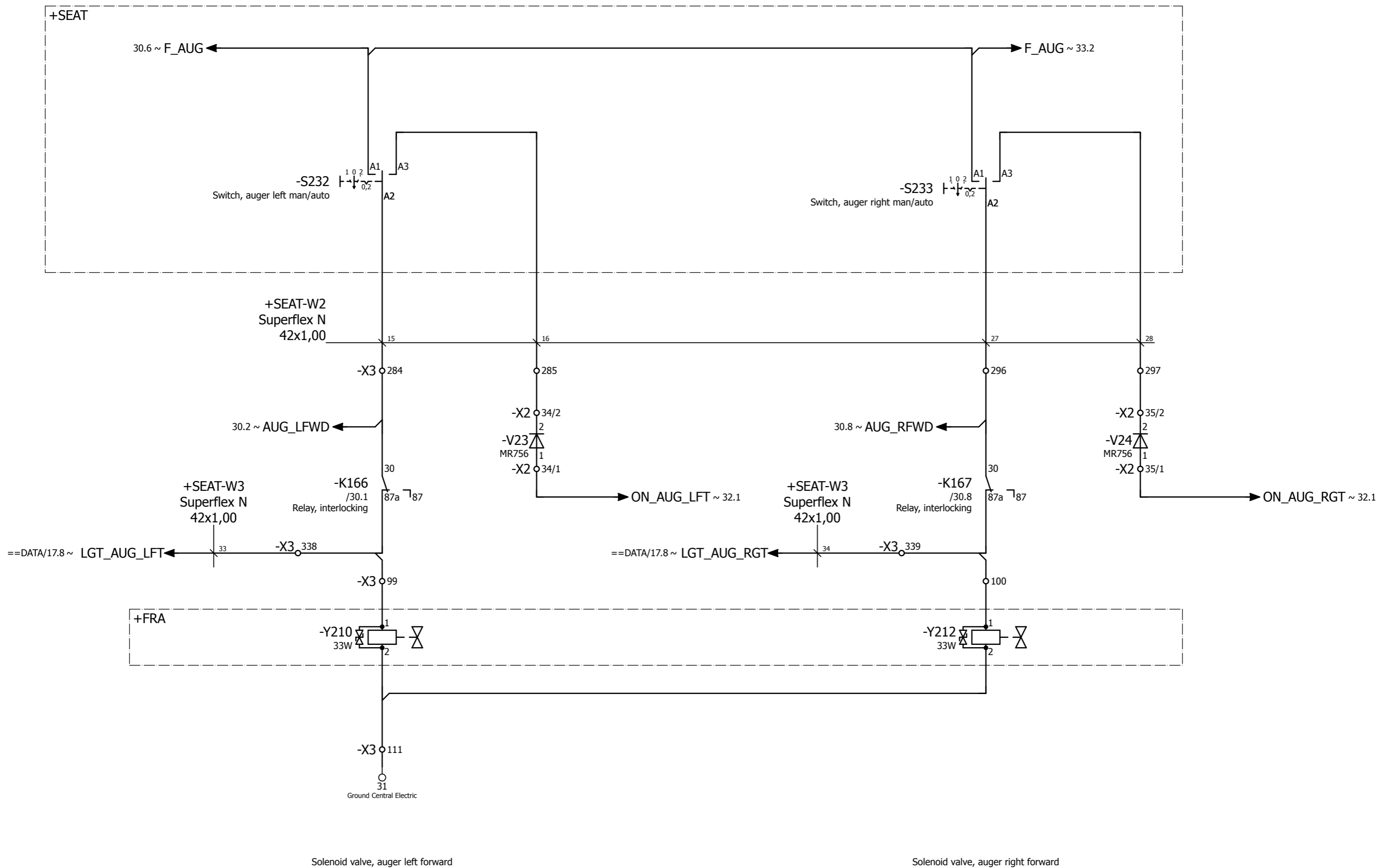




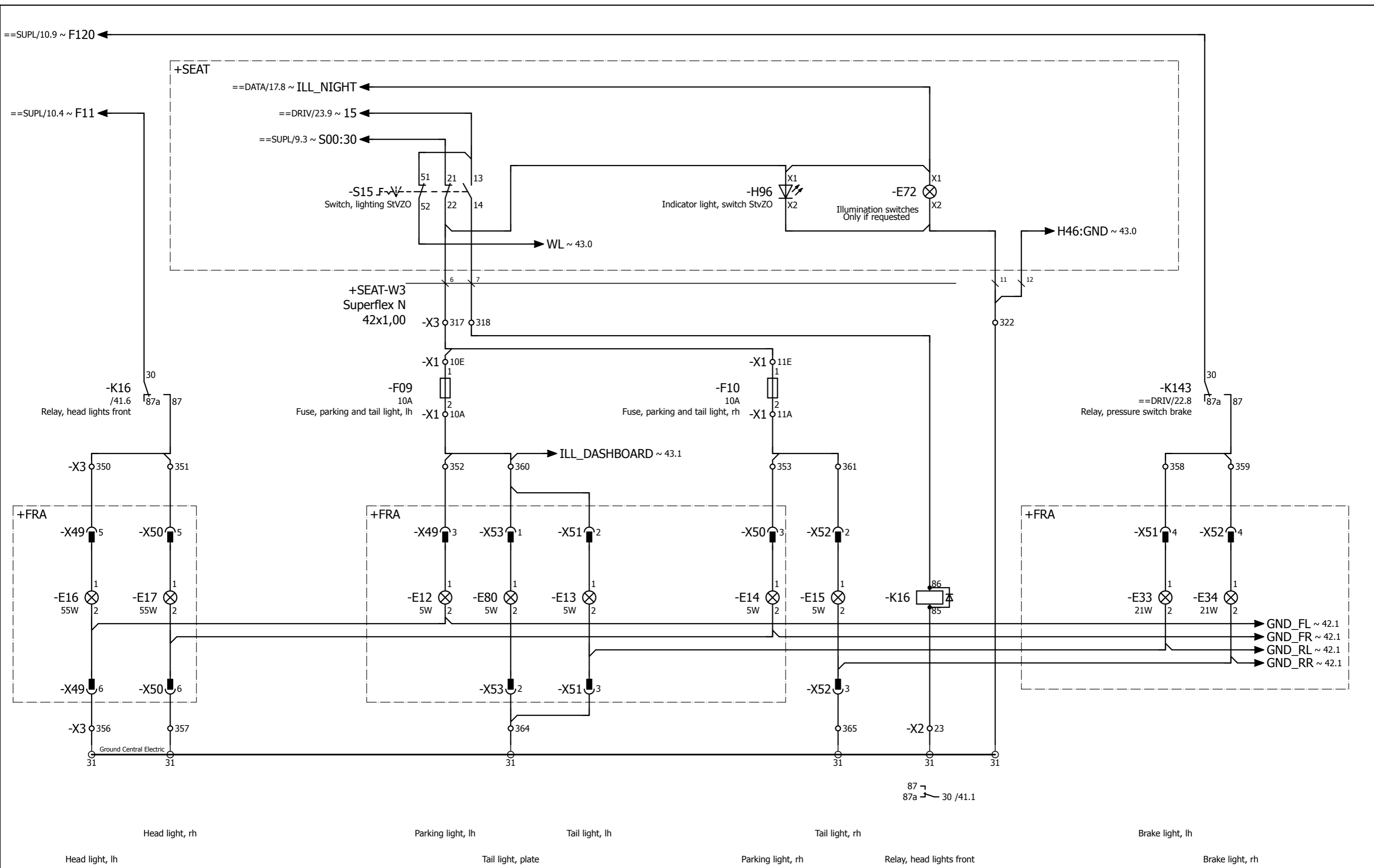
Valve "High mechanical gear" -ESX2	Valve "Low mechanical gear" -ESX2	Valve "Hydraulic gear" -ESX2	Valve "Brake" -ESX2	Valve "Travel pump 1 forward" -ESX2	Valve "Travel pump 1 reverse" -ESX2	Valve "Front traction 2" -ESX2	Valve "Front traction 1" -ESX2	Valve "Differential lock" -ESX2	Valve "Front wheel torque" -ESX2
Machine controller	Machine Controller	Machine controller	Machine controller	Machine controller	Machine controller	Machine controller	Machine controller	Machine controller	Machine controller
-A34	-A34	-A34	-A34	-A34	-A34	-A34	-A34	-A34	-A34
DO(4A)/2	BB1/5	DO(4A)/3	DO(4A)/1	DO(PWM)/1	DO(PWM)/2	BB1/3	DO(PWM)/3	DO(2,5A)/3	DO(PWM)/4



Solenoid valve, mechanical gear low
Solenoid valve, mechanical gear high
Solenoid valve, hydraulic gear
Solenoid valve, brake
Solenoid valve, travel direction forward
Solenoid valve, travel direction backward
Solenoid valve, traction front 2
Solenoid valve, traction front 1
Solenoid valve, differential lock
Solenoid valve, traction torque front



0	1	2	3	4	5	6	7	8	9
Created realizzato	M. Vogt 14.06.2013	BF300P		BOMAG FAYAT GROUP		Augers		Higher-level function impianto = BF	Page pagina 31 from da 81
Checked controllato	L. Zuccarino 21.04.2009							Function funzione == PAV	210
								Mounting location montaggio località + EBOX	EPE / 000 / 00



Device tag list

l'elenco componenti

Device tag SEF	Page pagina	Path col	Mounting location montaggio località	Higher-level function impianto	Function text	testo funzione	characteristics caratteristiche
S229	28	6	+RBOX	=BF	Switch, conveyor right forward		
S230	30	3	+SEAT	=BF	Switch, auger left reverse		
S231	30	5	+SEAT	=BF	Switch, auger right reverse		
S232	31	2	+SEAT	=BF	Switch, auger left man/auto		
S233	31	6	+SEAT	=BF	Switch, auger right man/auto		
S234	30	1	+LBOX	=BF	Switch, auger left forward/reverse		
S235	30	8	+RBOX	=BF	Switch, auger right forward/reverse		
S236	33	3	+SEAT	=BF	Switch, auger box lifting		
S237	34	3	+SEAT	=BF	Switch, enable screed extension left		
S238	35	3	+SEAT	=BF	Switch, enable screed extension right		
S239	34	7	+SEAT	=BF	Switch, screed extension left		
S240	35	7	+SEAT	=BF	Switch, screed extension right		
S241	34	1	+LBOX	=BF	Switch, screed extension left		
S242	35	1	+RBOX	=BF	Switch, screed extension right		
S243	36	1	+SEAT	=BF	Switch, screed level left		
S244	36	3	+SEAT	=BF	Switch, screed level right		
S245	37	2	+LBOX	=BF	Switch, screed level left		
S246	37	6	+RBOX	=BF	Switch, screed level right		
S247	39	3	+SEAT	=BF	Switch, tamper screed		
S248	39	6	+SEAT	=BF	Switch, vibrating plates screed		
S249	38	1	+SEAT	=BF	Switch, screed up/float		
S250	38	2	+SEAT	=BF	Push button, boost screed		
S251	44	2	+FRA	=BF	Switch, cleaning		
S252	44	5	+SEAT	=BF	Switch, pump spraying		
S253	44	8	+FRA	=BF	Switch, spraying man/auto		
S256	23	6	+SEAT	=BF	Foot-pedal, break		
S258	40	3	+SBOX	=BF	Switch, Crown screed		
S264	29	1	+FRA	=BF	Limit switch, conveyor left		
S265	29	1	+FRA	=BF	Limit switch, conveyor right		
U1	7	1	+BAT	=BF	Fuse-box		
U1-F00	7	1	+BAT	=BF	Fuse, main		125A
U1-F48	7	2	+BAT	=BF	Fuse, glow plug system		40A
V01	8	0	+EBOX	=BF	Diode	Diodo	MR756
V02	8	4	+EBOX	=BF	-- " --	-- " --	UF4004
V04	19	9	+EBOX	=BF	-- " --	-- " --	UF4004
V05	9	4	+EBOX	=BF	-- " --	-- " --	UF4004
V06	9	5	+EBOX	=BF	-- " --	-- " --	UF4004

Plug overview

descrizione del connettore

Designation descrizione	Mounting location montaggio località	Function text testo funzione
X15	=BF+MOT	Plug, fuel lift pump
Contact contatto	Page pagina	Path col
1	8	6
2	8	6
X16	=BF+MOT	Plug, WaterInFuel Sensor
Contact contatto	Page pagina	Path col
1	16	2
2	16	2
3	16	3
X17	=BF+FRA	Plug, Sender level gauge
Contact contatto	Page pagina	Path col
2	16	6
3	16	6
X18	=BF+MOT	Plug, Floating switch Coolant expansion tank
Contact contatto	Page pagina	Path col
1	16	6
2	16	6
X19	=BF+FRA	Plug, Roof-mounting
Contact contatto	Page pagina	Path col
1	43	9
2	43	9
3	43	5
4	43	5
5	43	6
6	43	6
7	43	4
8	43	4
X20	=BF+SEAT	Plug, steering unit
Contact contatto	Page pagina	Path col
1	23	6
2	23	6
3	23	6
4	23	6
X21	=BF+FRA	Plug, Backup alarm buzzer
Contact contatto	Page pagina	Path col
1	20	2
2	20	2

Designation descrizione	Mounting location montaggio località	Function text testo funzione
X22	=BF+MOT	Plug, Sensor engine speed
Contact contatto	Page pagina	Path col
1	20	3
2	20	3
3	20	3
X23	=BF+FRA	Plug, floating switch hydraulic oil tank
Contact contatto	Page pagina	Path col
1	16	8
2	16	8
X23	=BF+LBOX	Plug, screed leveling system left
Contact contatto	Page pagina	Path col
A	37	4
B	37	4
C	37	4
D	37	4
X24	=BF+RBOX	Plug, screed leveling system right
Contact contatto	Page pagina	Path col
A	37	8
B	37	8
C	37	8
D	37	8
X25	=BF+LBOX	Plug, Ultrasonic sensor auger left
Contact contatto	Page pagina	Path col
A	32	0
C	32	0
D	32	0

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