

CAD | SAT\JL14500\
PB651ASTR

EPLAN V 5.11

THESE PLANS WERE DESIGNED WITH THE
HELP OF A CAE-SYSTEM.
CHANGES ARE TO BE MADE BY SAM
TAIHANG ONLY.

YARD / SHIP

JINLINGSHIPYARD

HULL NO: JLZ030507

PROJECT DATA

DIRECTORY : SAT\JL14500\
FILE NAME : PB651ASTR

DESIGNED BY : XIA YU MEI

CUSTOMER

ELECTRICAL DATA

MAINS VOLTAGE : 3 AC 60Hz 440V
CONTROL VOLTAGE : 220V AC

CLASSIFICATION: DNV

		DATE	2004.10.25	JINLINGSHIPYARD		SAM Taihang Electronics	MAIN SWITCHBOARD	COVER PAGE	=	
		PROC.	HXM	HULL NO: JLZ030507				*		
		CHECK	XIA YU MEI	ORIGIN	REPL. FOR	REPL. WITH		PB651A-000STR	SH. 1	
ALTER.	DATE	NAME	STORD							
				1	2	3	4	5	6	7
									8	9

CAD	SAT\JL14500\ PB651ASTR	1	2	3	4	5	6	7	8	9
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7	CONSUMER 1Q6-1Q10	PANEL 1					
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10	EM' CY STOP CONTROL	PANEL 1					
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12	CONSUMER 2Q1-2Q5	PANEL 2					
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19	EM' CY STOP CONTROL	PANEL 2					
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21	1# DIESEL GEN. CONT. VOLT. C.B.	PANEL 3					
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Schutzvermerk nach DIN 34 beachten OBSERVE COPYRIGHT AS PER DIN 34

24. Feb. 2005

01. Nov. 2005

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								9

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27	A/E CONTROL	PANEL 3								
28	GENERATOR PROTECTION	PANEL 3								
29	2# DIESEL GENERATOR CONNECTION	PANEL 4								
30	2# DIESEL GEN. CONT. VOLT. C.B.	PANEL 4								
31	POWER AND CURRENT MEASURING	PANEL 4								
32	DIESEL GEN. 2 GOVERNOR	PANEL 4								
33	INDICATION	PANEL 4								
34	ACB CONTROL	PANEL 4								
35	A/E CONTROL	PANEL 4								
36	A/E CONTROL	PANEL 4								
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38	BOW THRUSTER	PANEL 5								
39		PANEL 5								
40	MAIN BUS BAR MONIT	PANEL 5								
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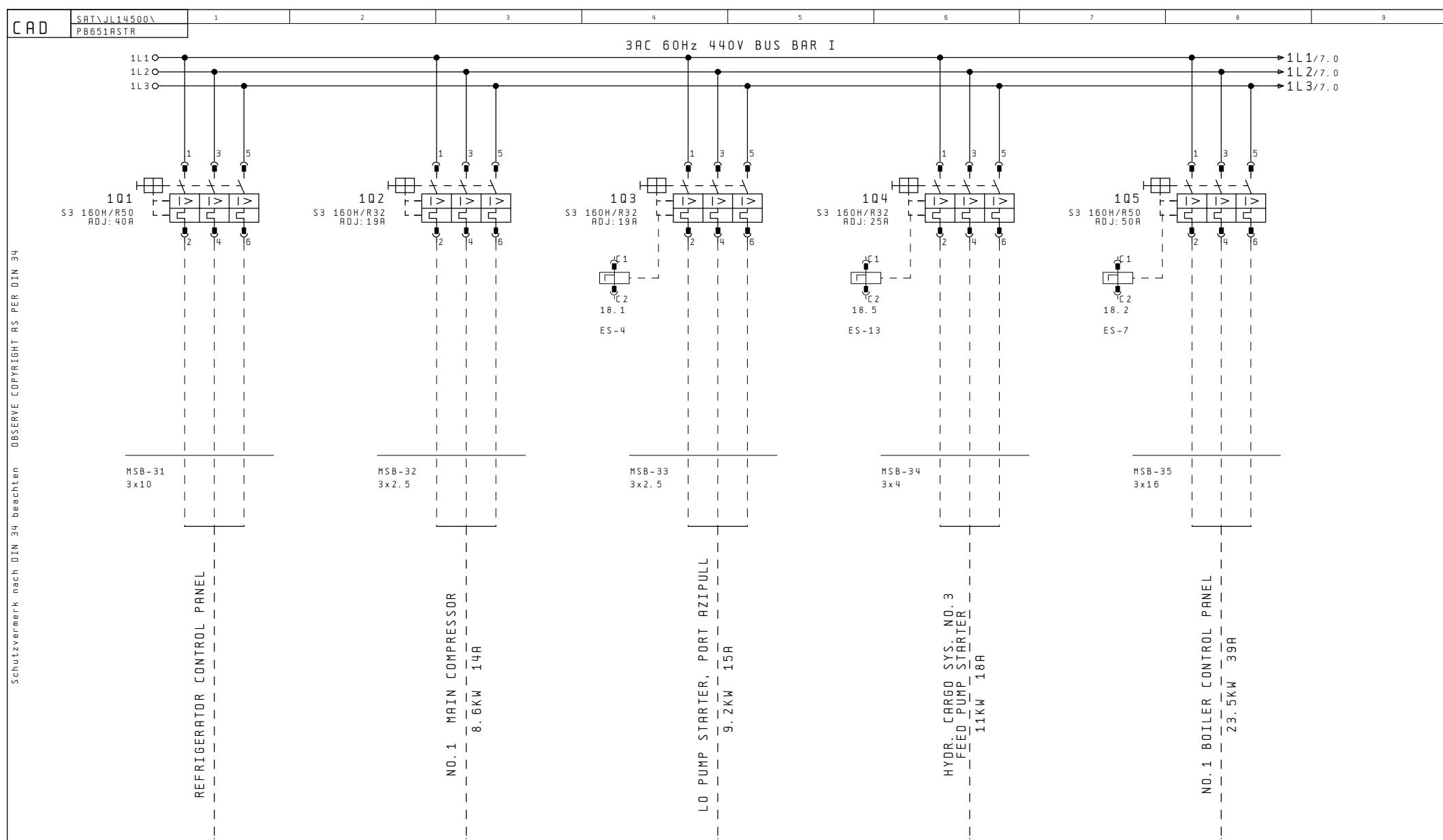
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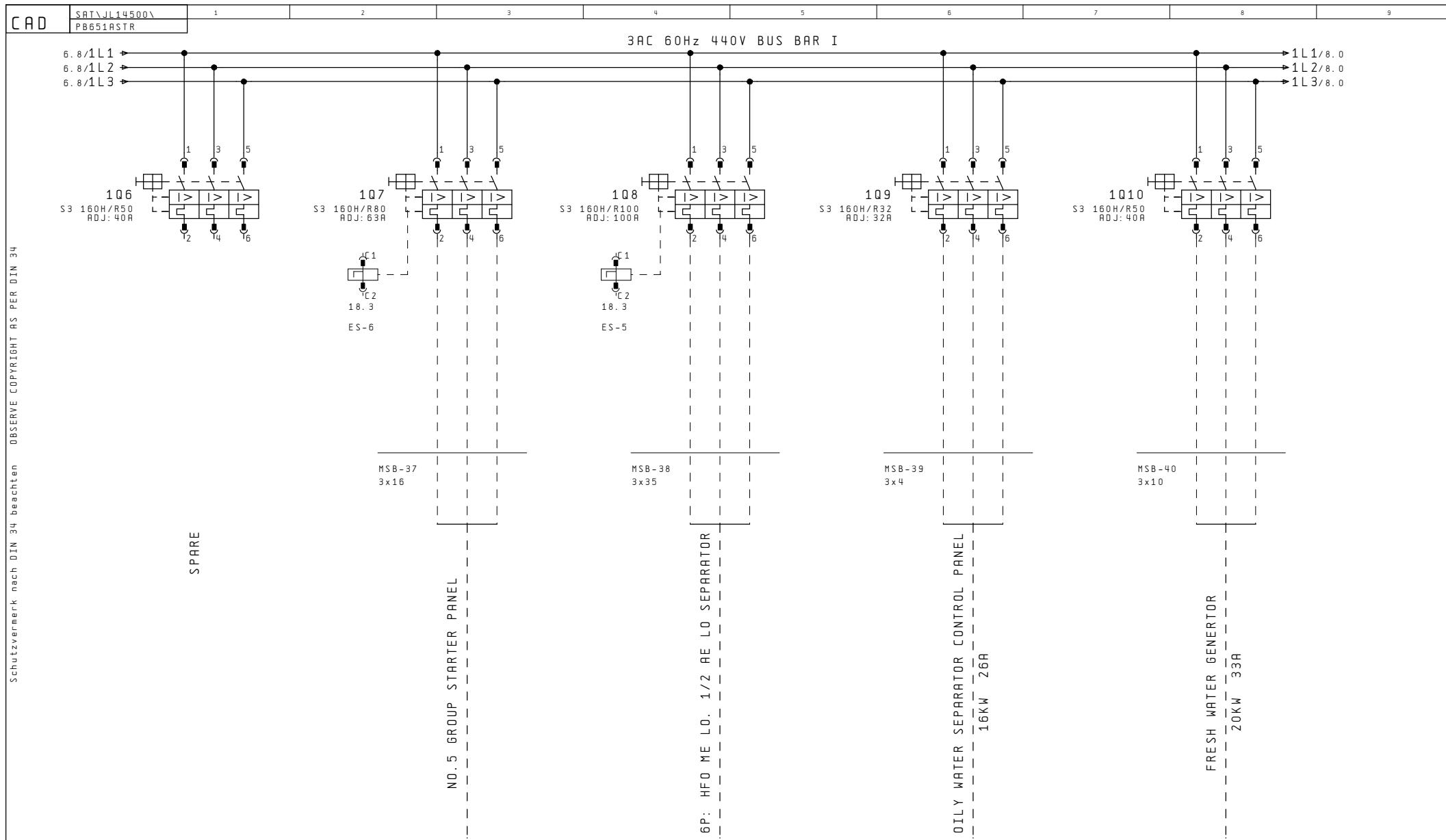
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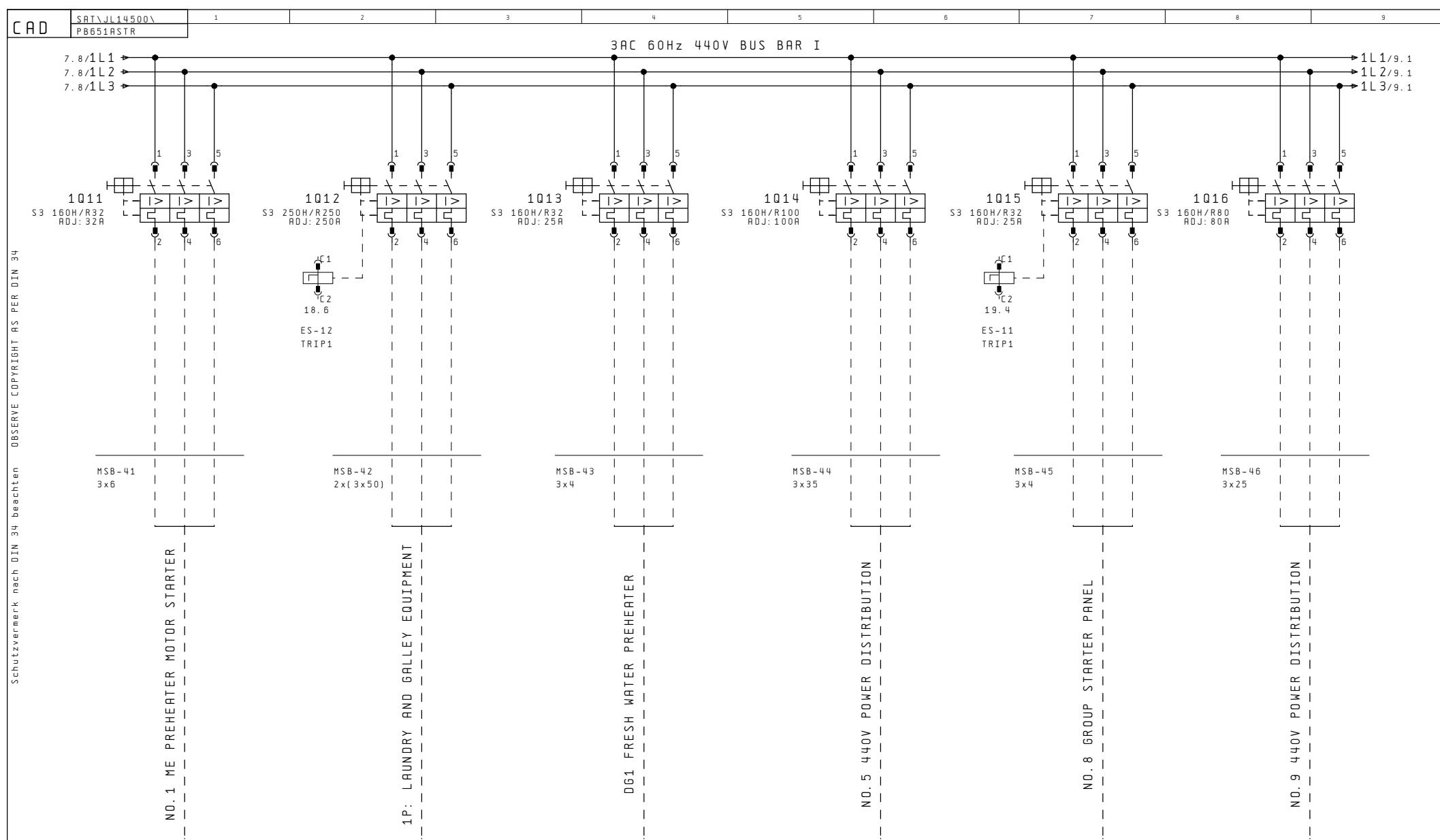
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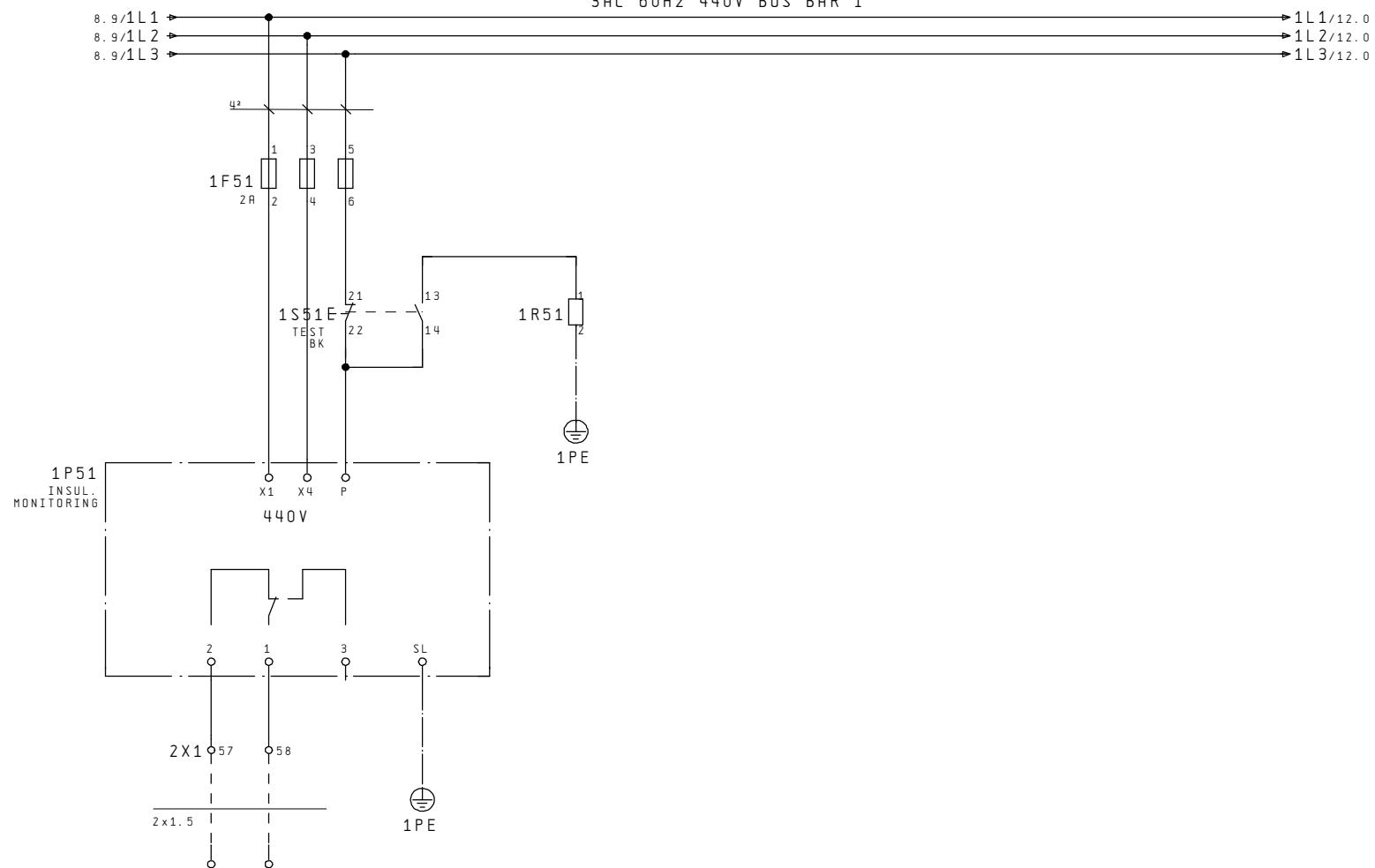
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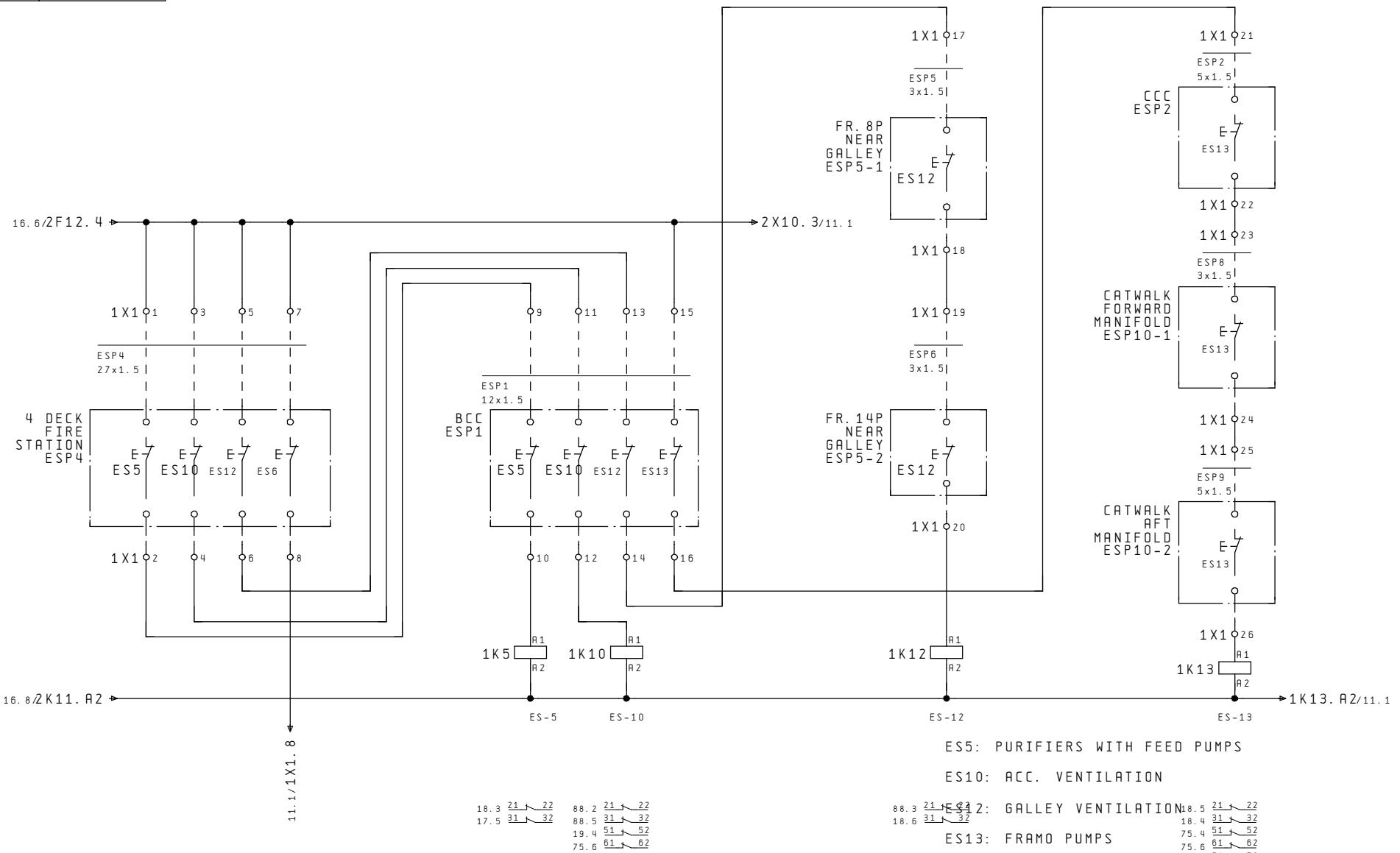
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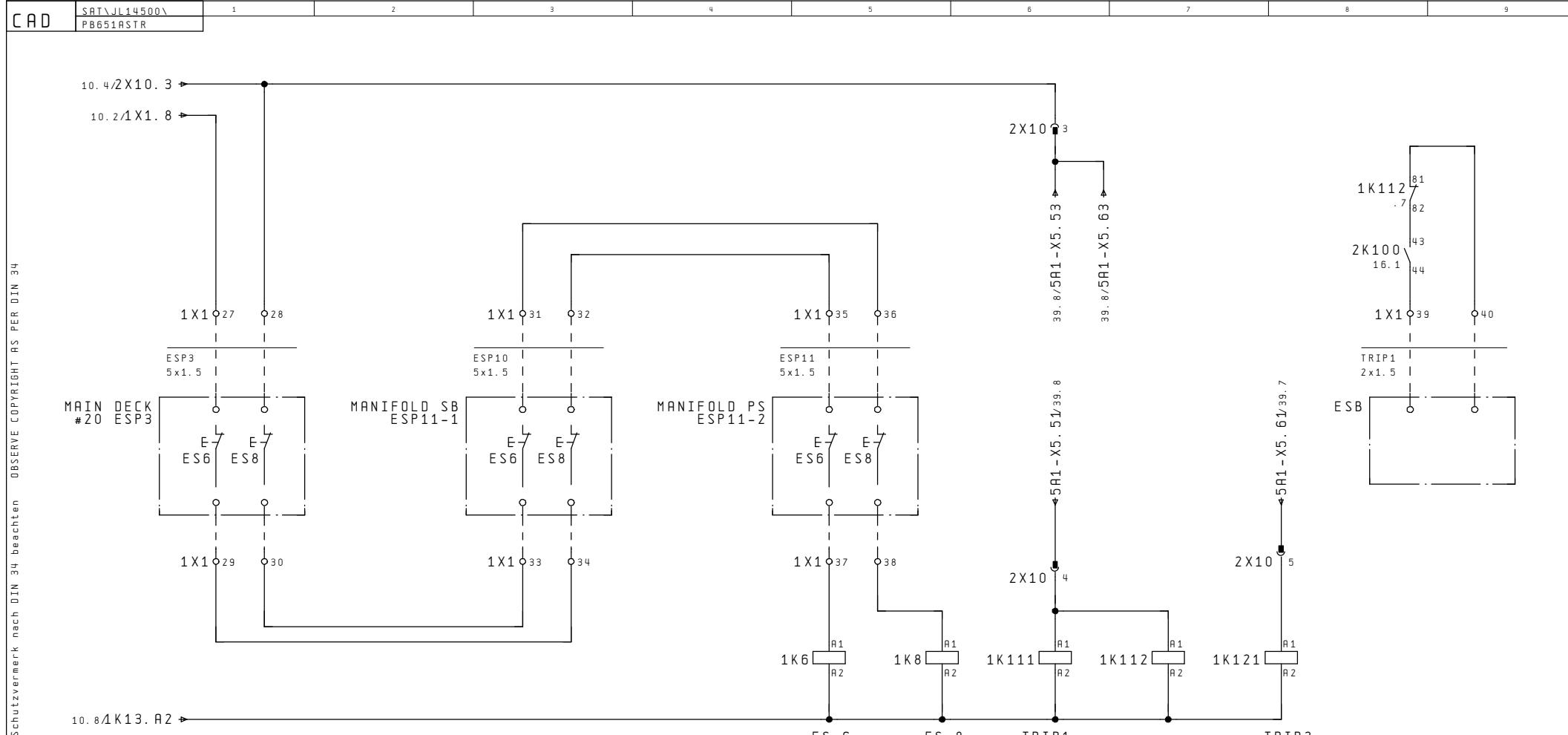


Schutzvermerk nach DIN 34 beachten OBSERVE COPYRIGHT AS PER DIN 34



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CAD	SAT\JL14500\ PB651ASTR
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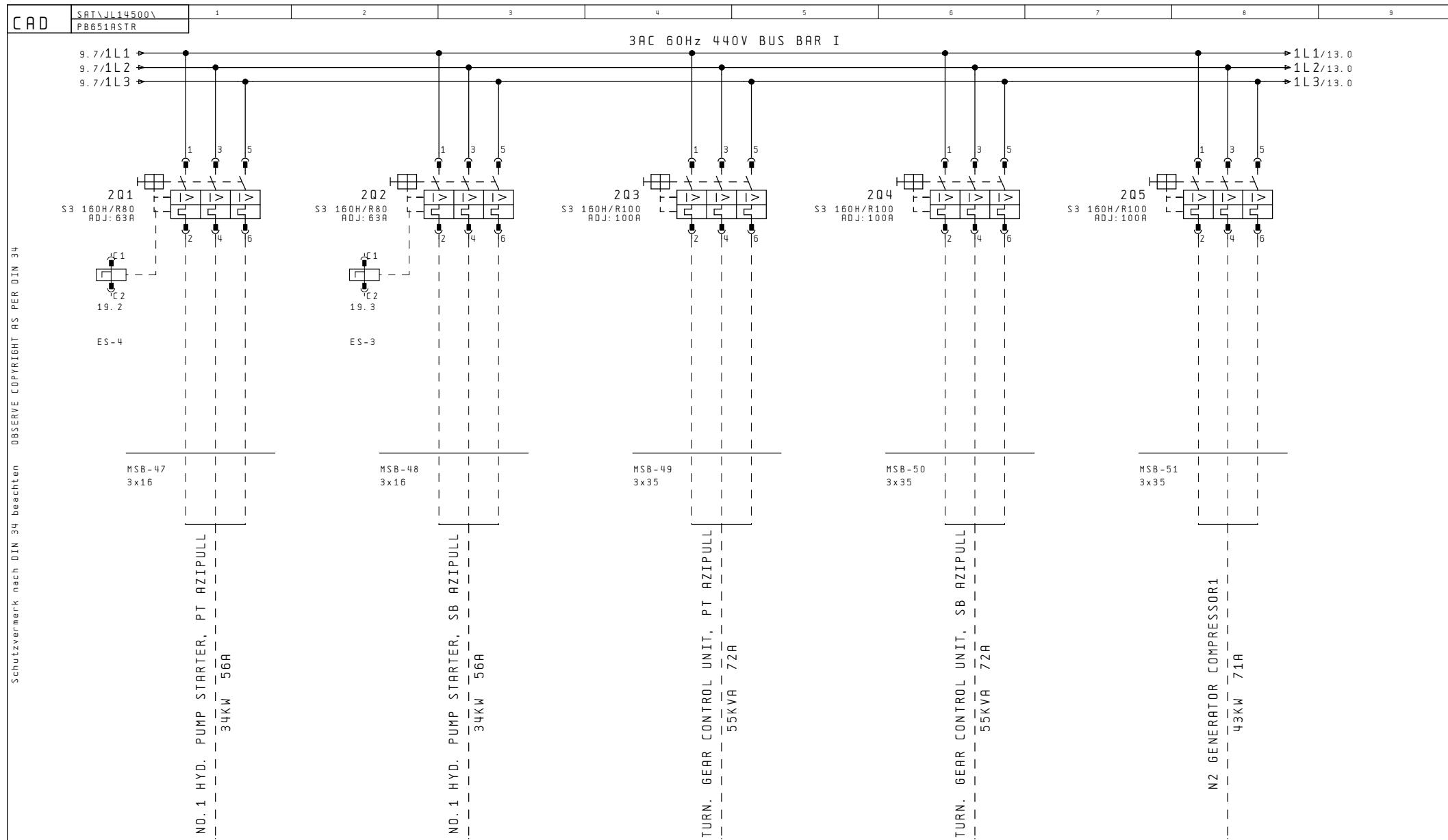


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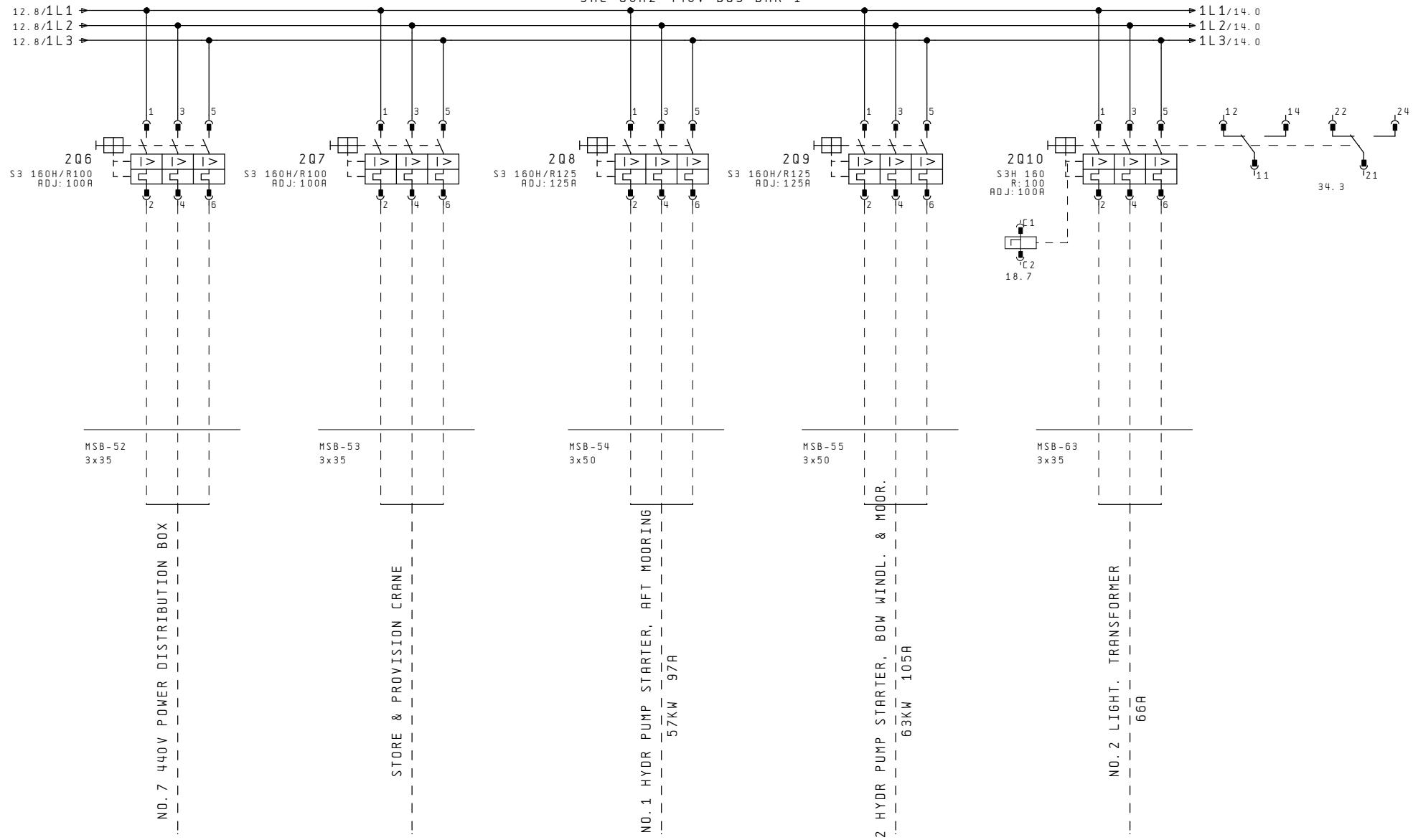
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CAD SAT\JL14500\PB651ASTR



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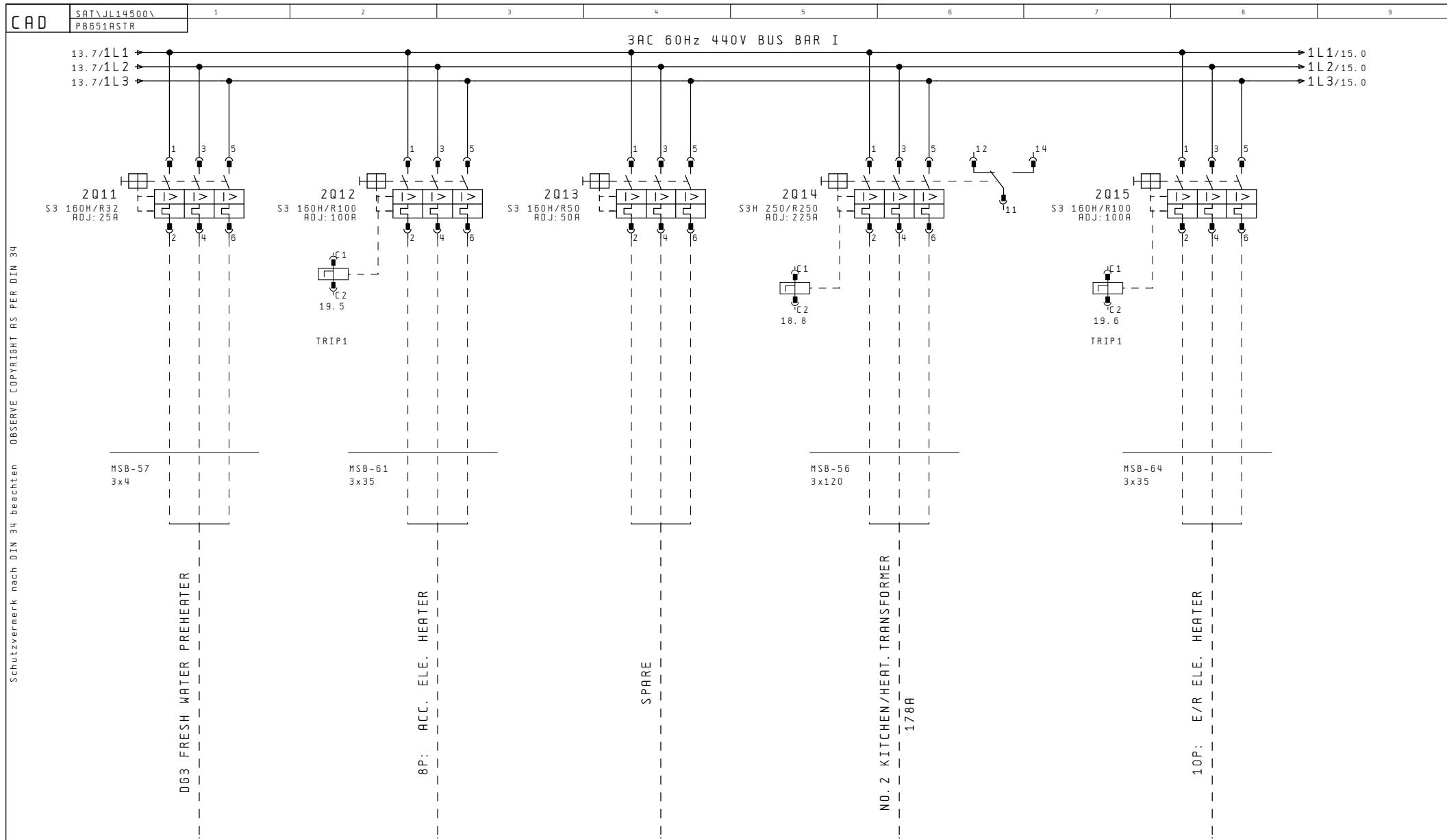


01. Nov. 2005

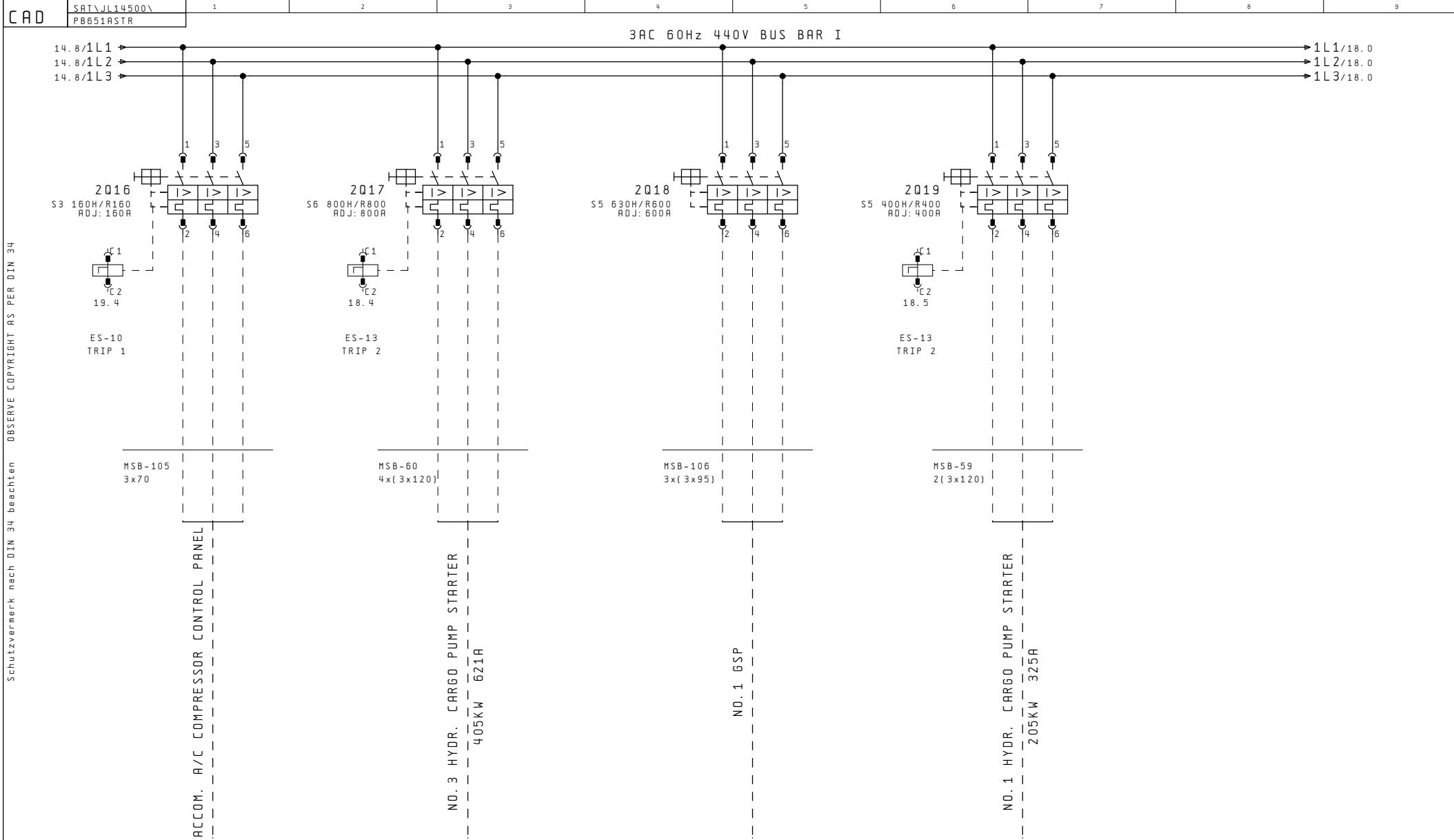
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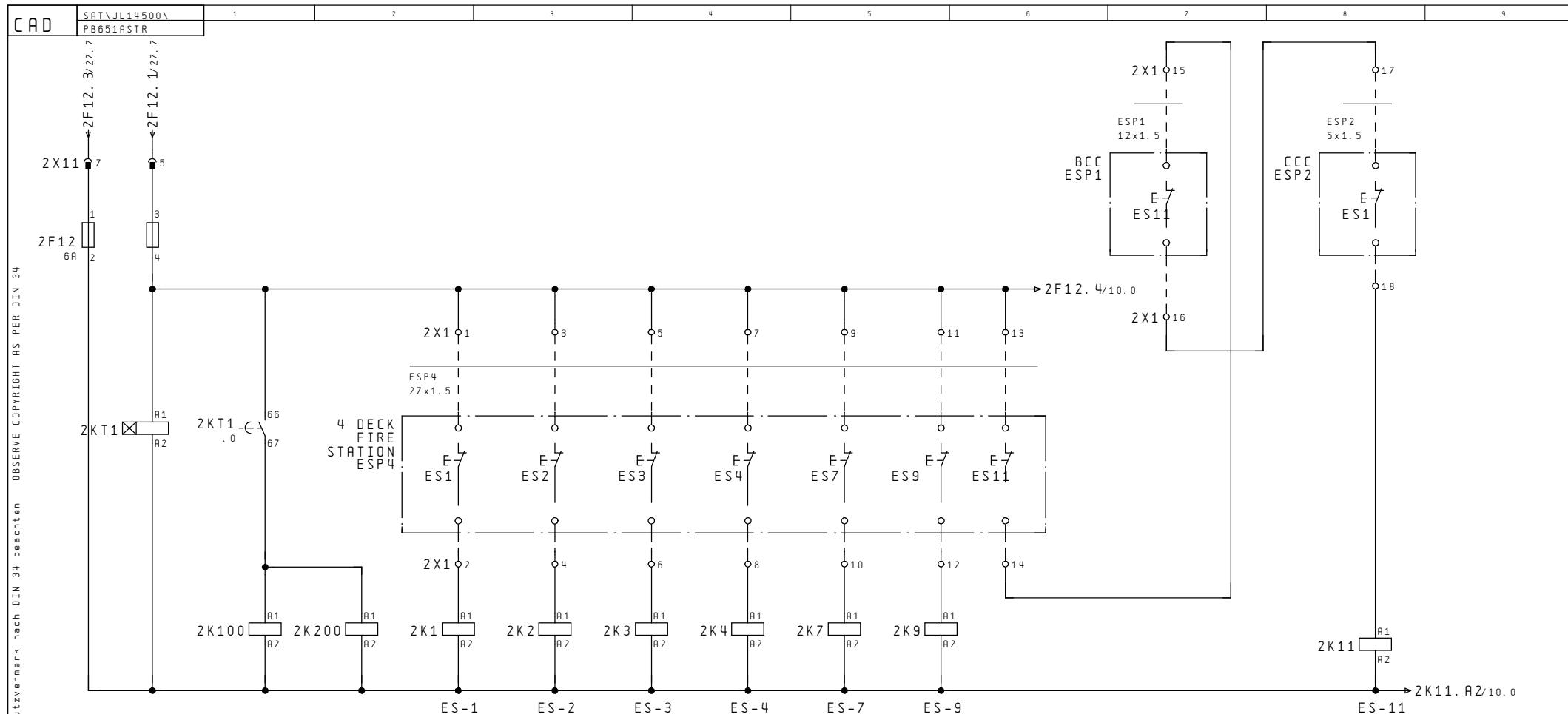
CAD SAT\JL14500\PB651ASTR



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							90 SH.	



ES1: BOOSTER PUMP ME/AE SB

ES2: BOOSTER PUMP ME/AE PS

ES3: AZIPULL LOB OIL AND PITCH PUMP SB,
LUB OIL ST. BY PUMP ME SB

ES4: AZIPULL LOB OIL AND PITCH PUMP PS,
LUB OIL ST. BY PUMP ME PS

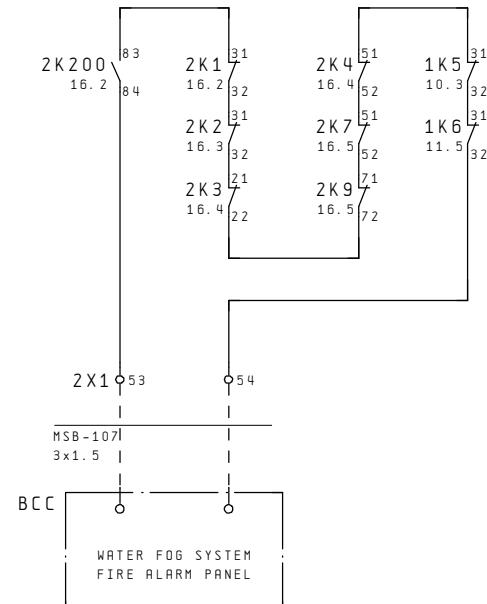
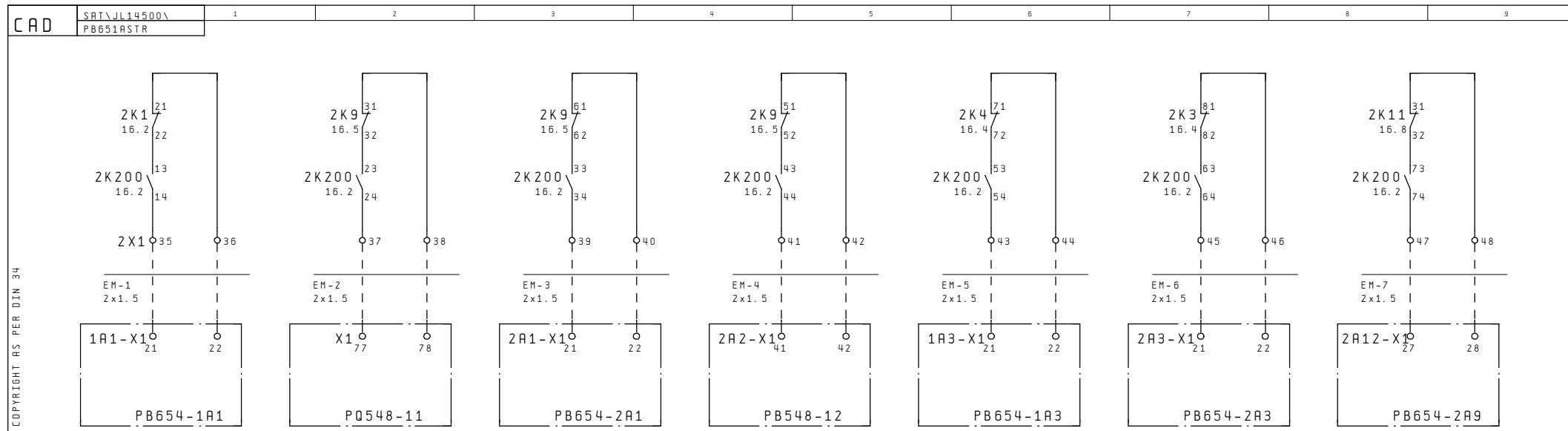
ES7: BOILER WITH BOOSTERPUMPS

ES9: ENG. ROOM VENTILATION

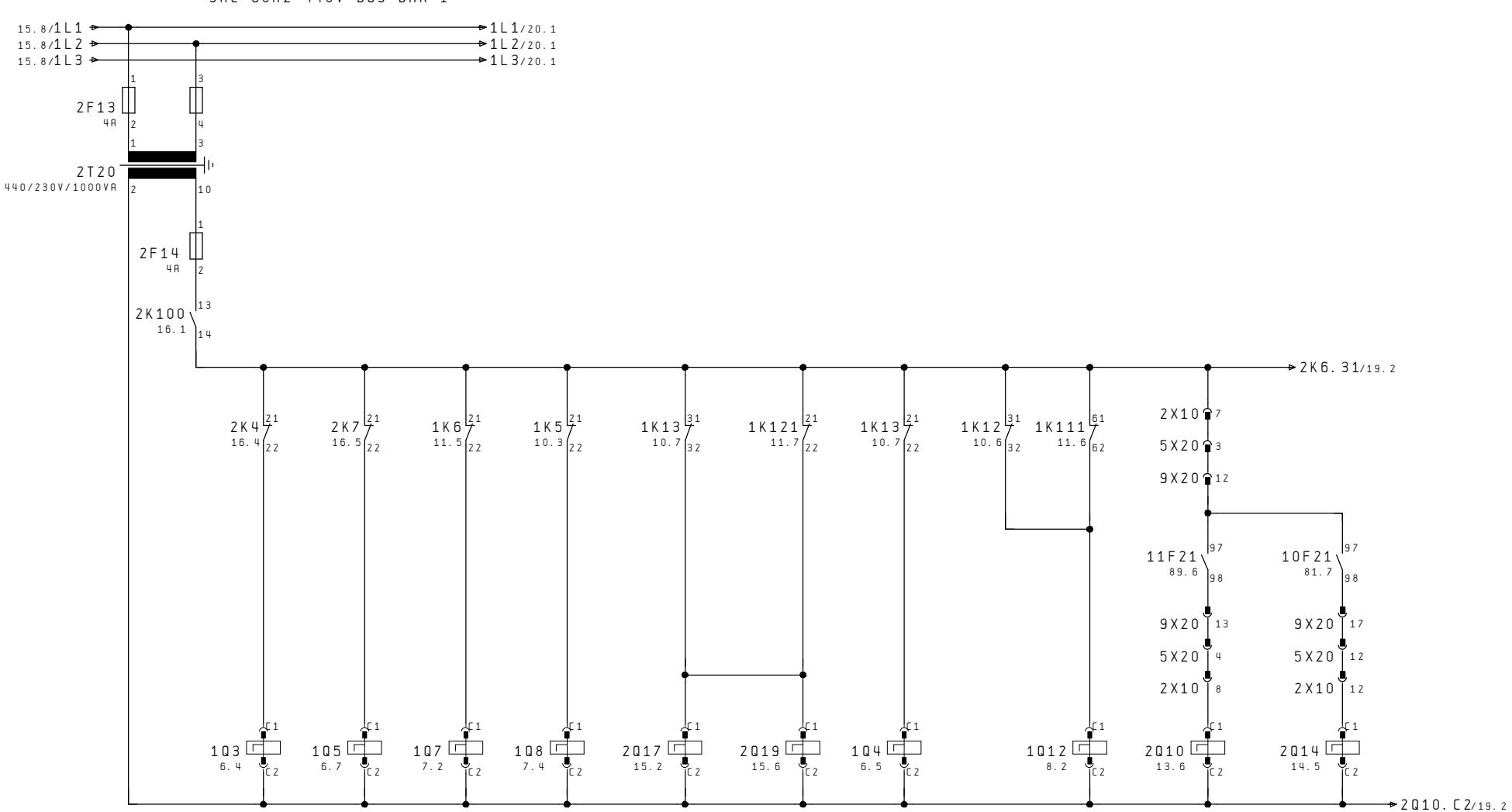
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67
18.1 13 14
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17.6 53 54
17.7 63 64
17.8 73 74
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		DATE	2004.10.25	JINLINGSHIPYARD	SAM Taihang Electronics	MAIN SWITCHBOARD	EM' CY STOP CONTROL	=
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CAD SAT\JL14500\PB651ASTR

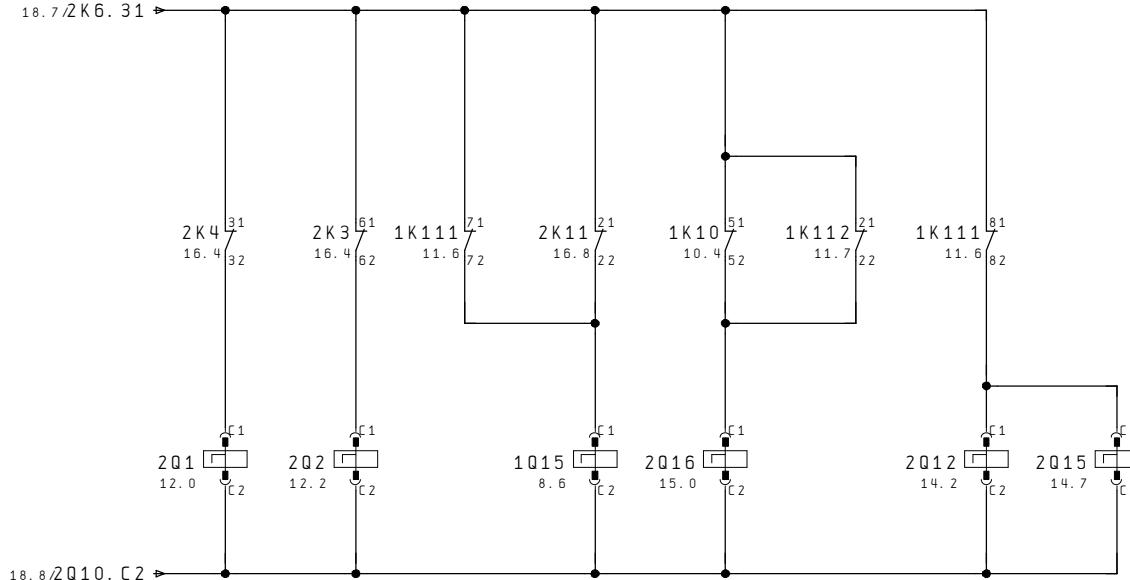


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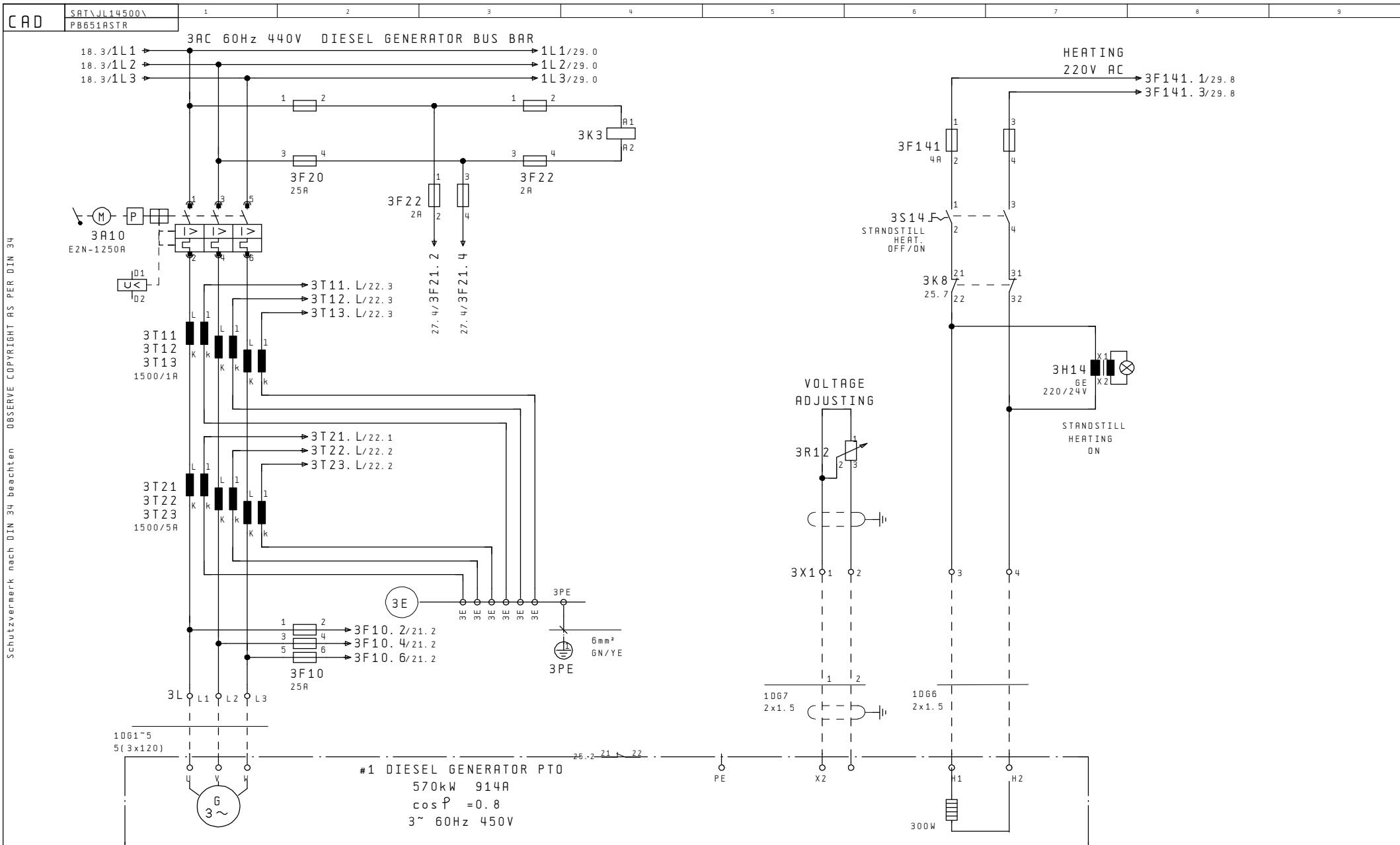


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CAD	SAT\JL14500\ PB651ASTR
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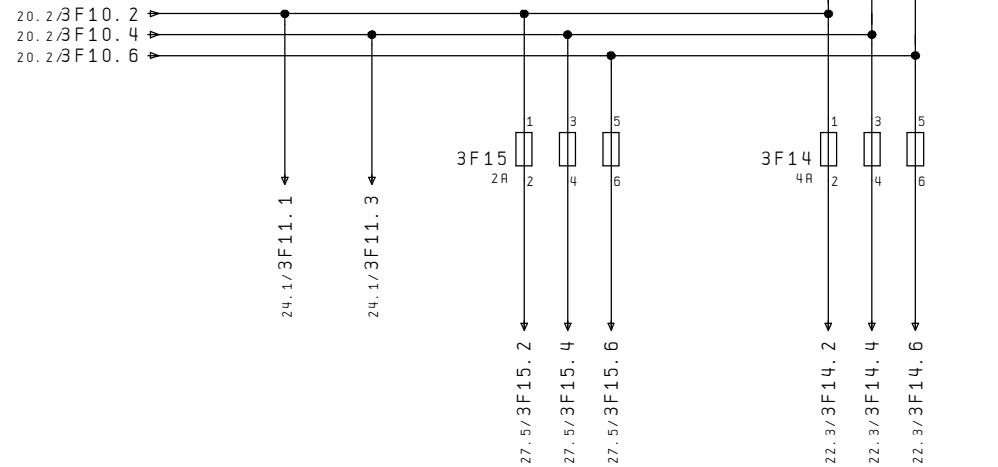
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						9		



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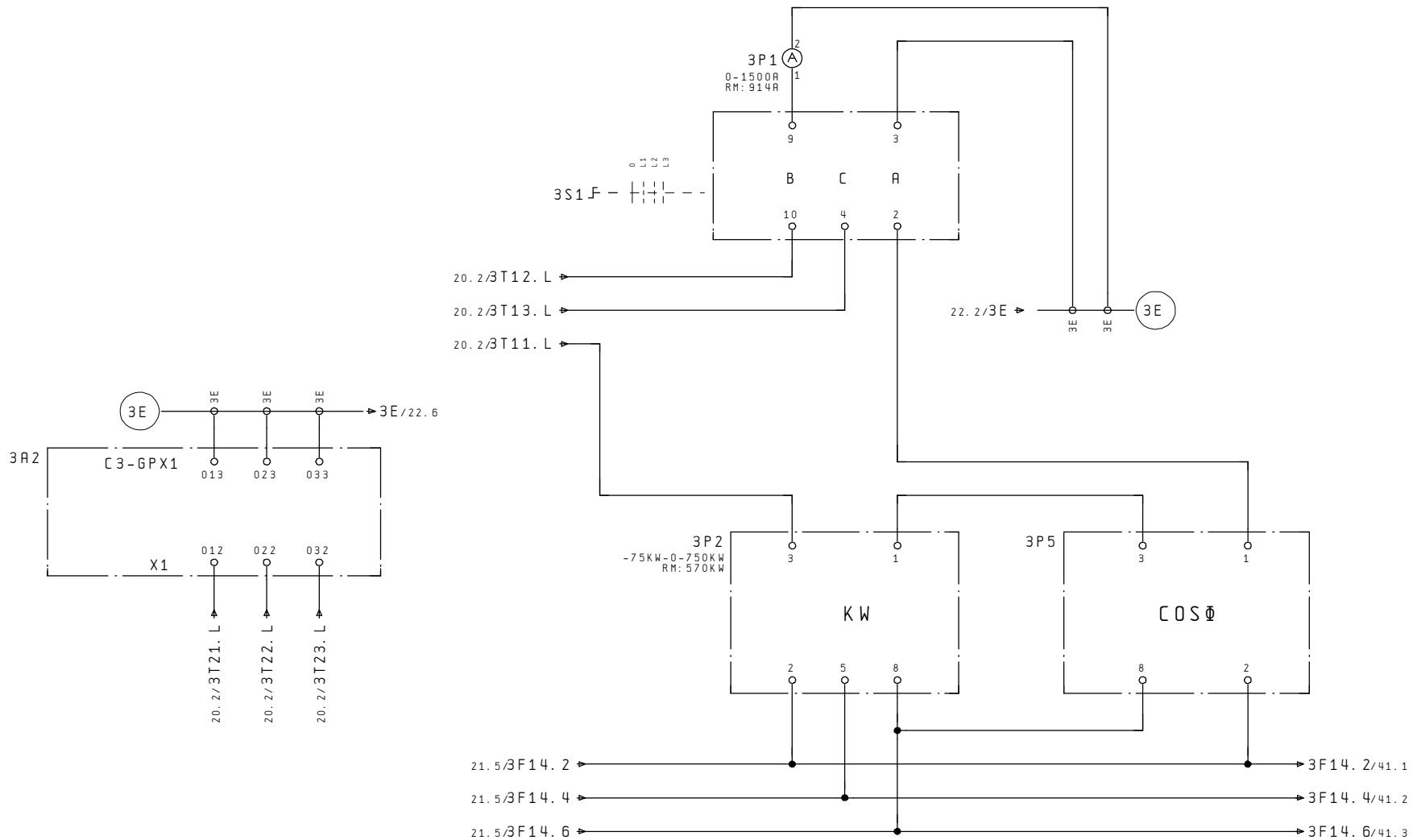
CAD	SAT\JL14500\ PB651ASTR
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3AC 60Hz 440V DIESEL GENERATOR VOLTAGE

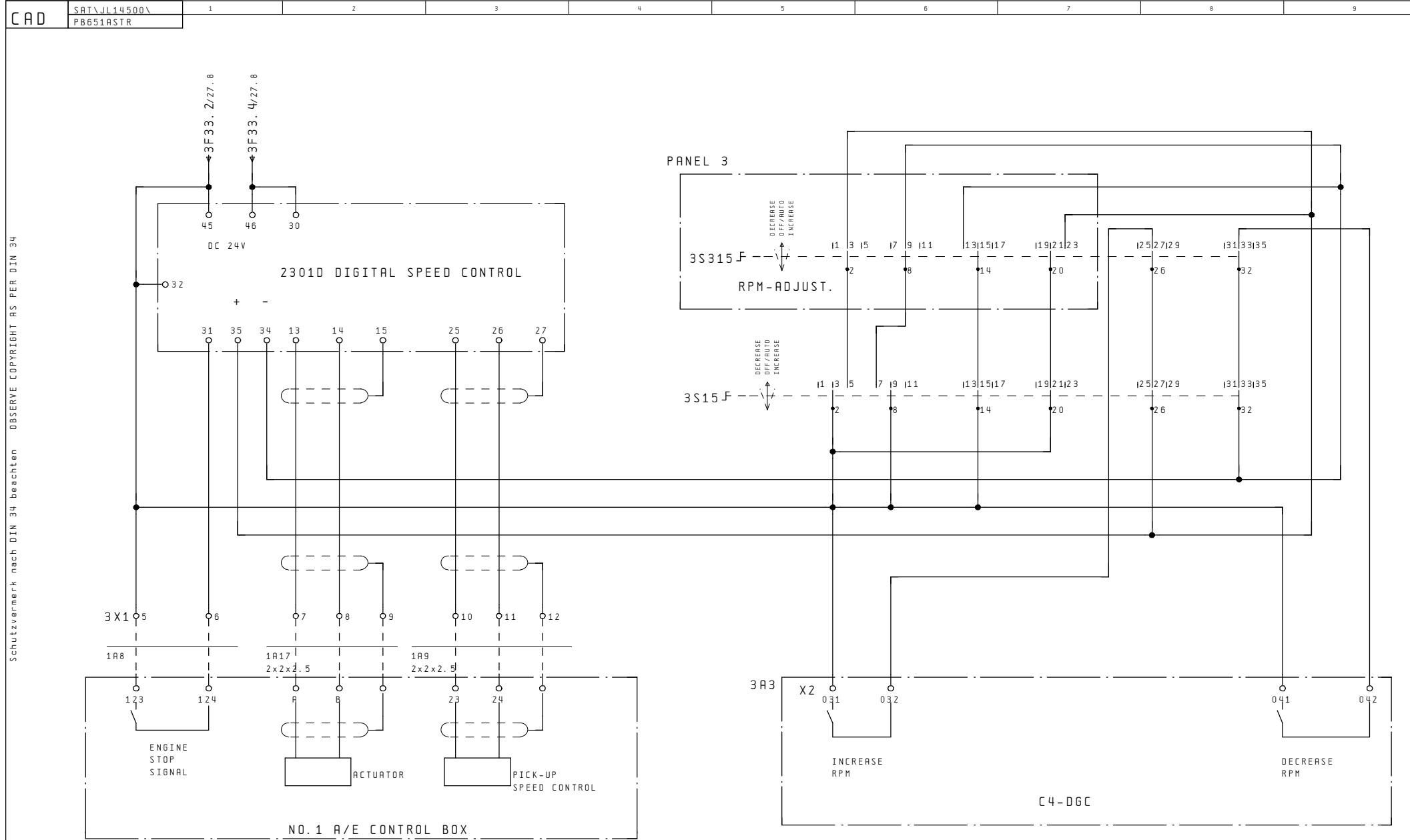


MAIN SWITCHBOARD

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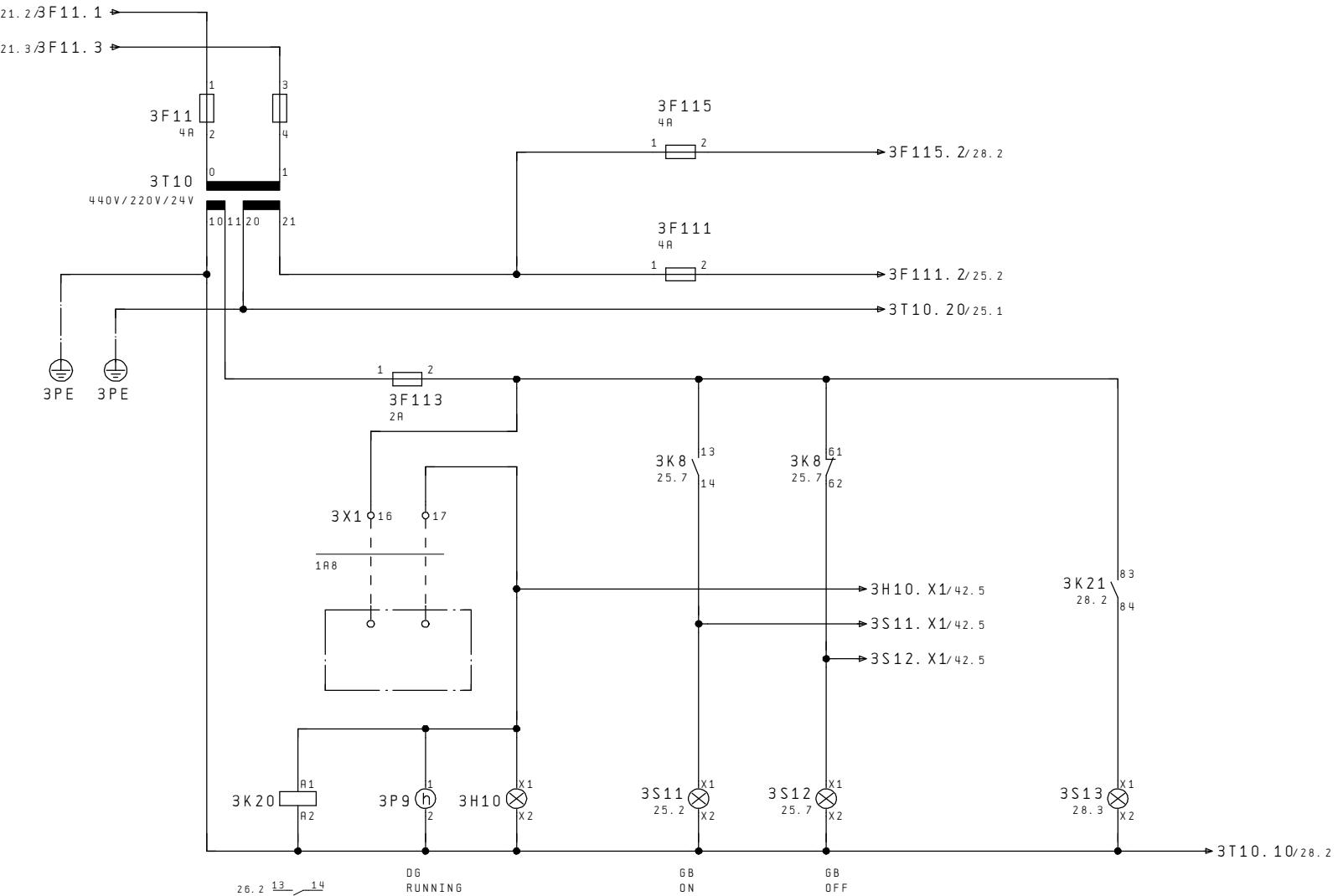
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02. Aug. 2005

01. Nov. 2005



		DATE	2004.10.25	JINLINGSHIPYARD	SAM Taihang Electronics	MAIN SWITCHBOARD	INDICATION		=		
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Schutzvermerk nach DIN 34 beachten OBSERVE COPYRIGHT AS PER DIN 34

OBSERVE COPYRIGHT AS PER DIN 34

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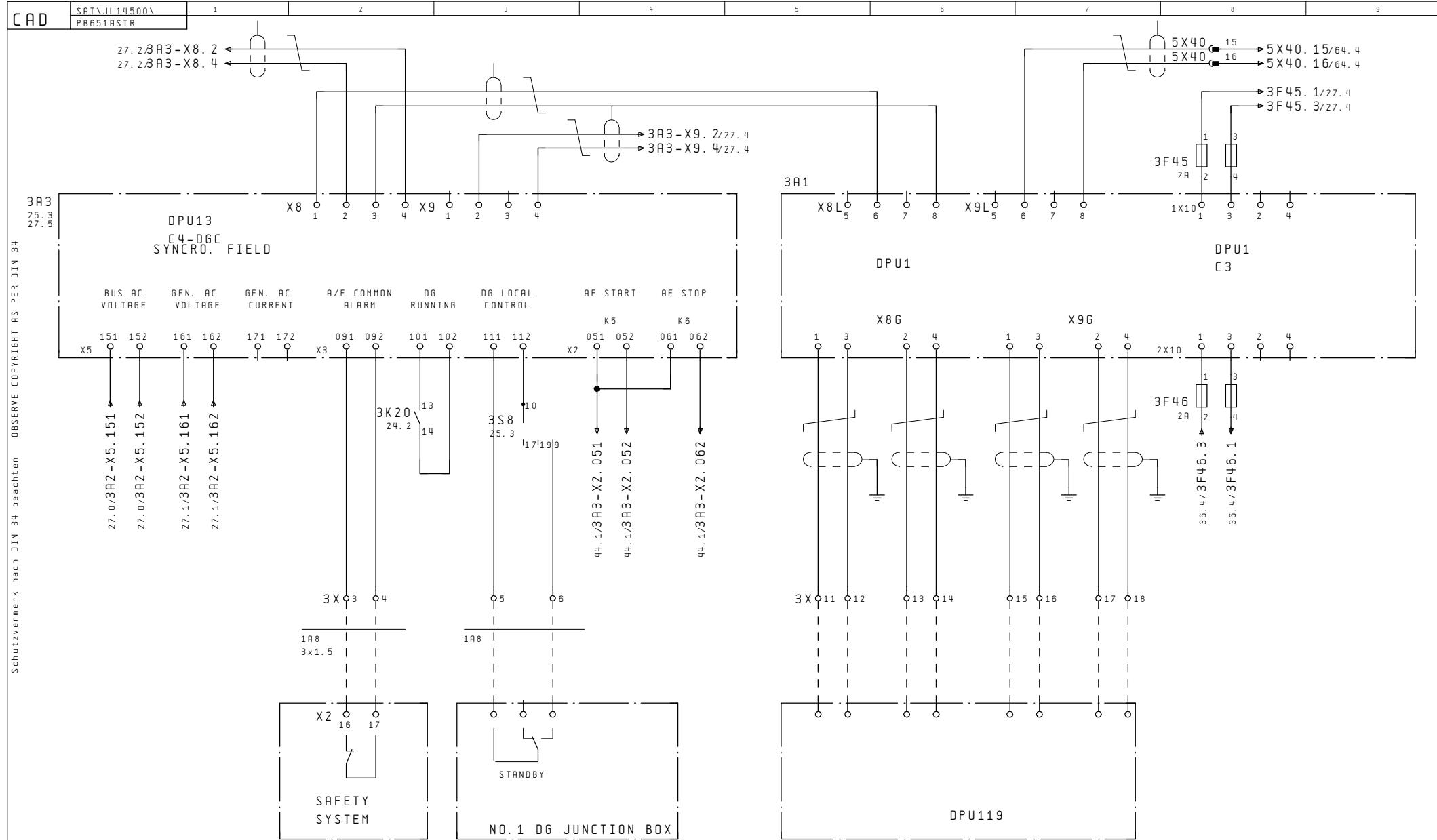
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CAD SAT\JL14500\
PB651ASTR

02. Aug. 2005

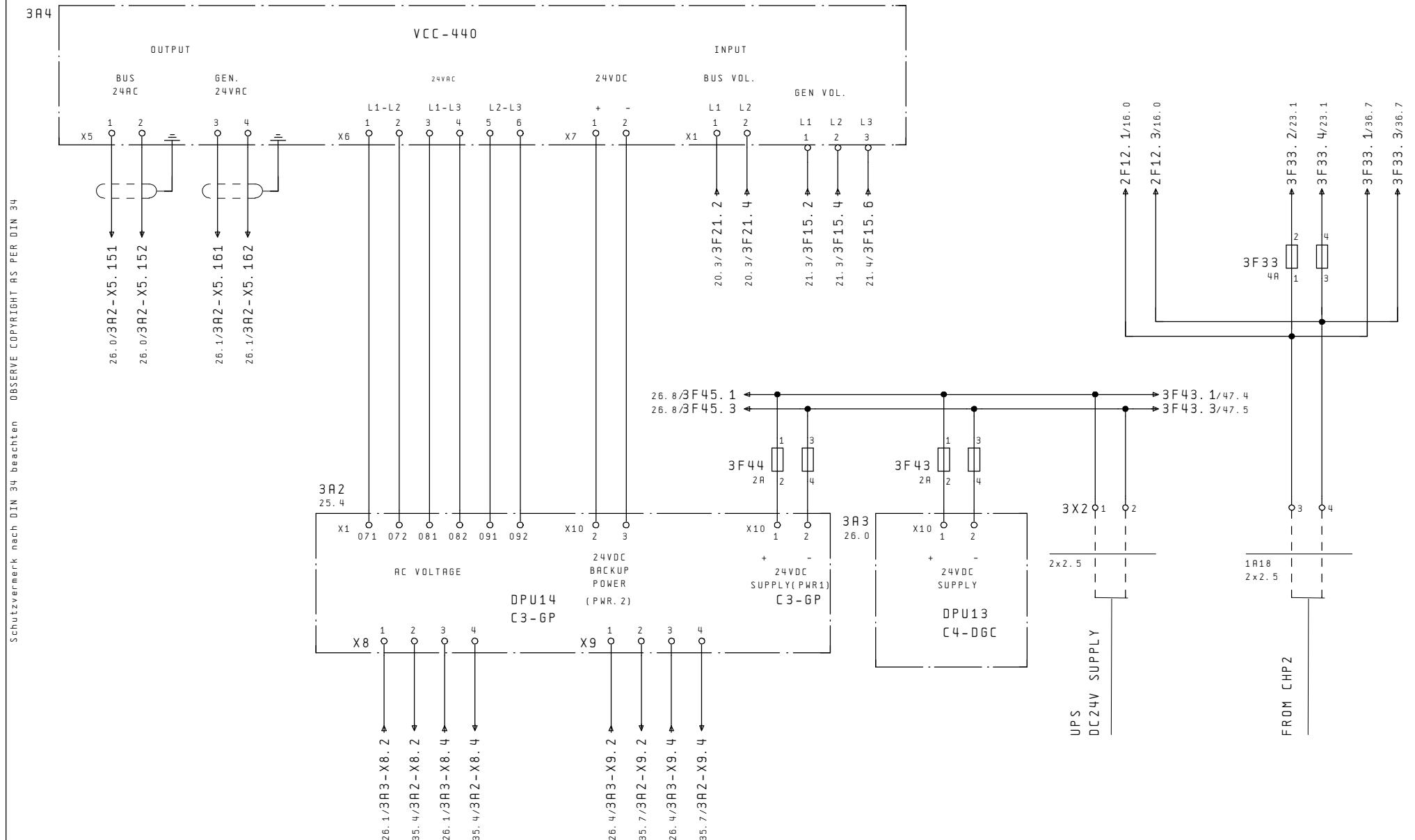
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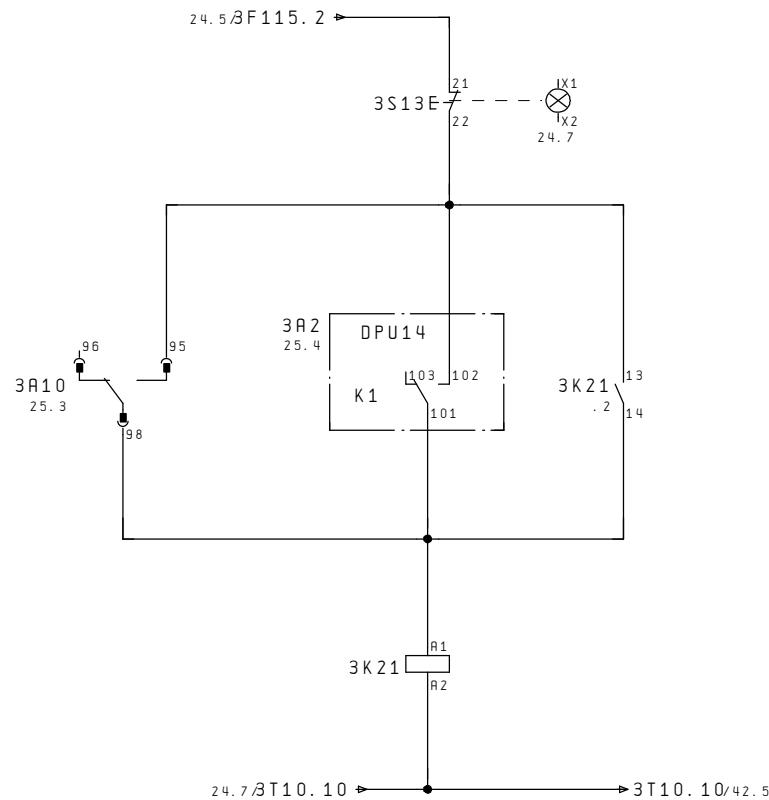
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	PB651ASTR



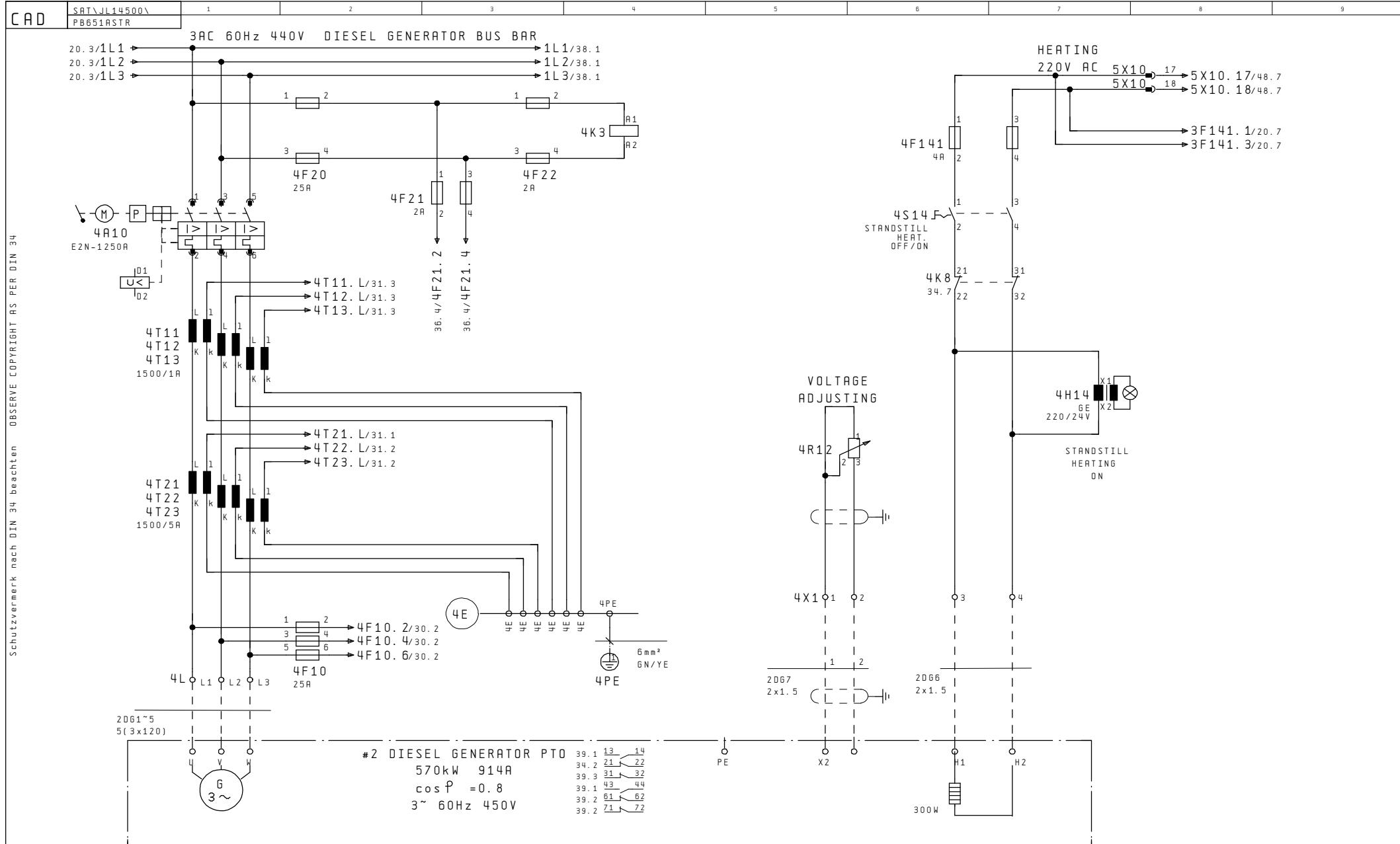
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CAD	SAT\JL14500\ PB651ASTR	1	2	3	4	5	6	7	8	9
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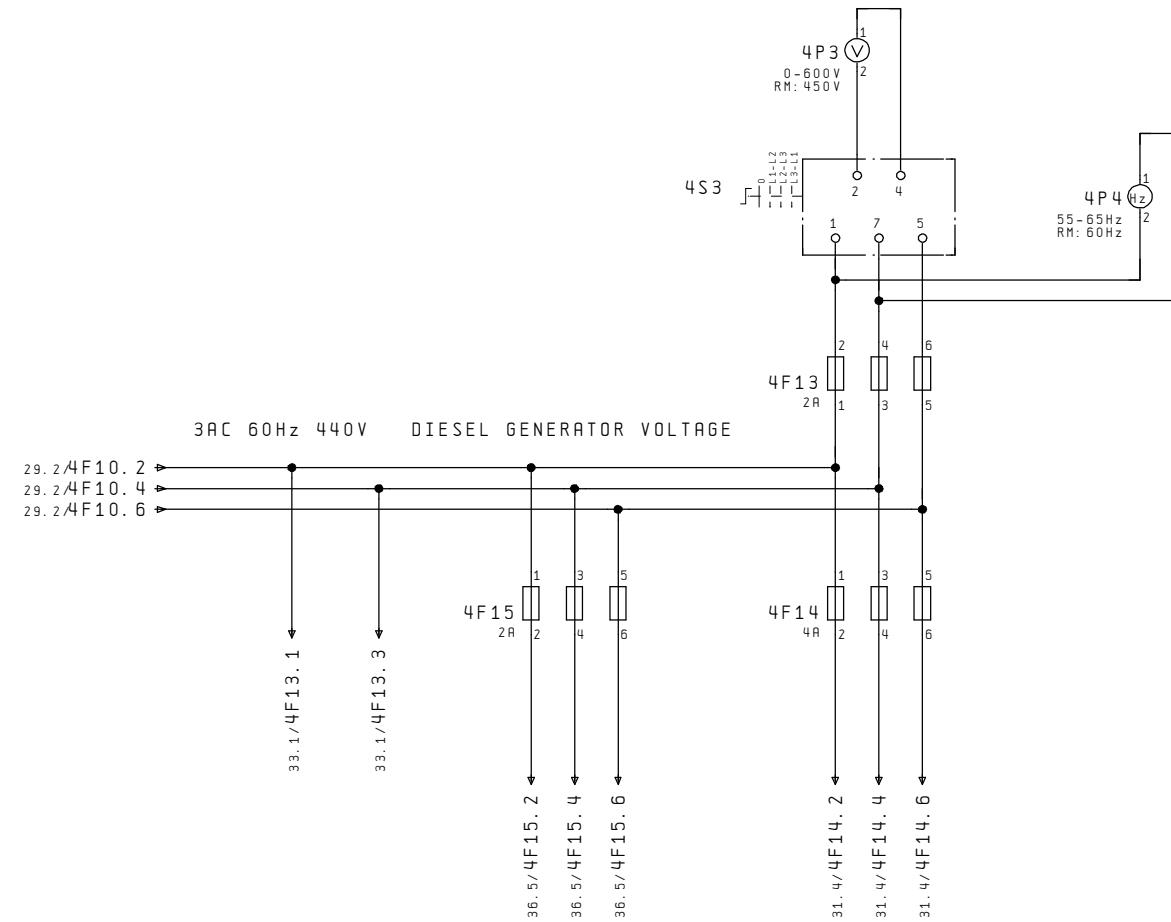
.3 13 14
25.4 53 54
24.7 83 84

		DATE	2004.10.25	JINLINGSHIPYARD	SAM Taihang Electronics	MAIN SWITCHBOARD	GENERATOR PROTECTION	=
		PROC.	HXM	HULL NO: JLZ030507				*
		CHECK	XIA YU MEI					
ALTER.	DATE	NAME	STORD	ORIGIN	REPL. FOR	REPL. WITH	PANEL 3	PB651A-000STR
				2	3	4	5	6
				1			7	8
							9	
								SH. 28
								90 SH.



		DATE	2004.10.25	JINLINGSHIPYARD	SAM Taihang Electronics	MAIN SWITCHBOARD	2# DIESEL GENERATOR CONNECTION	
		PROC.	HXM	HULL NO: JLZ030507				
		CHECK	XIA YU MEI					
ALTER.	DATE	NAME	STORD	ORIGIN	REPL. FOR	REPL. WITH	PANEL 4	PB651A-000STR SH. 29 90 SH.

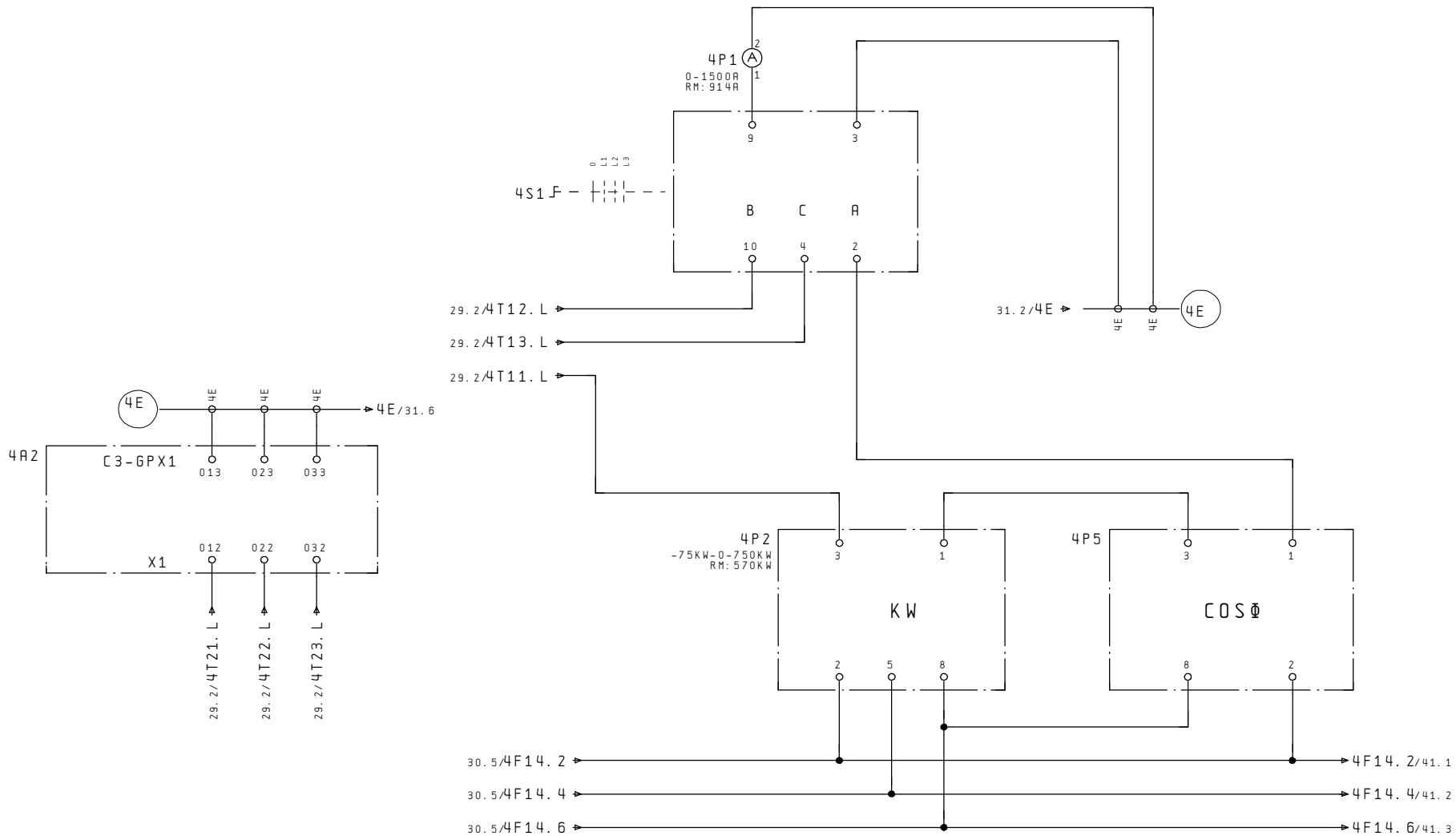
CAD	SAT\JL14500\ PB651ASTR
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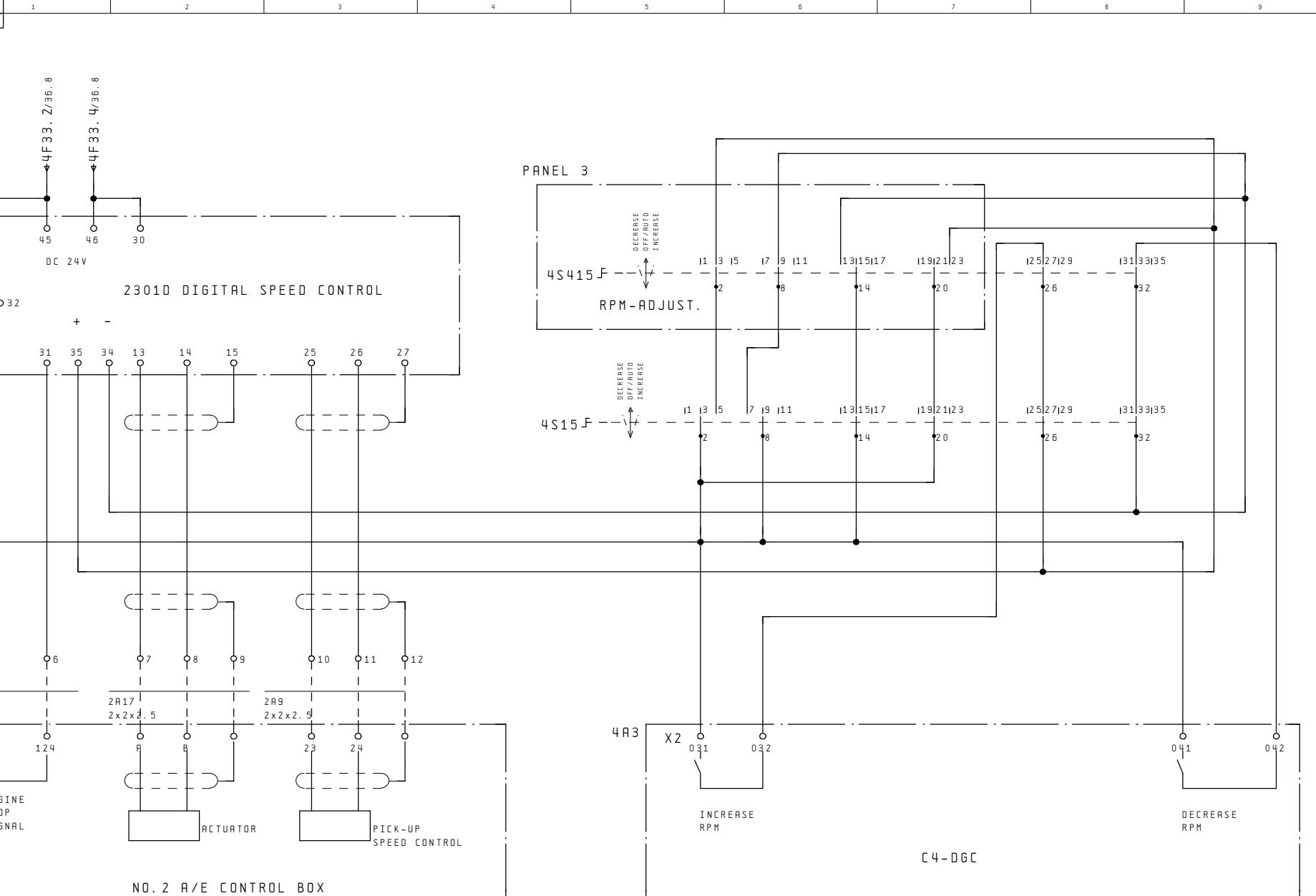
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		PROC.	HXM	HULL NO: JLZ030507			PANEL 4	PB651A-000STR
		CHECK	XIA YU MEI					SH. 30
ALTER.	DATE	NAME	STORD	ORIGIN	REPL. FOR	REPL. WITH		90 SH.
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						5	6	7
							8	9

CAD	SAT\JL14500\ PB651ASTR
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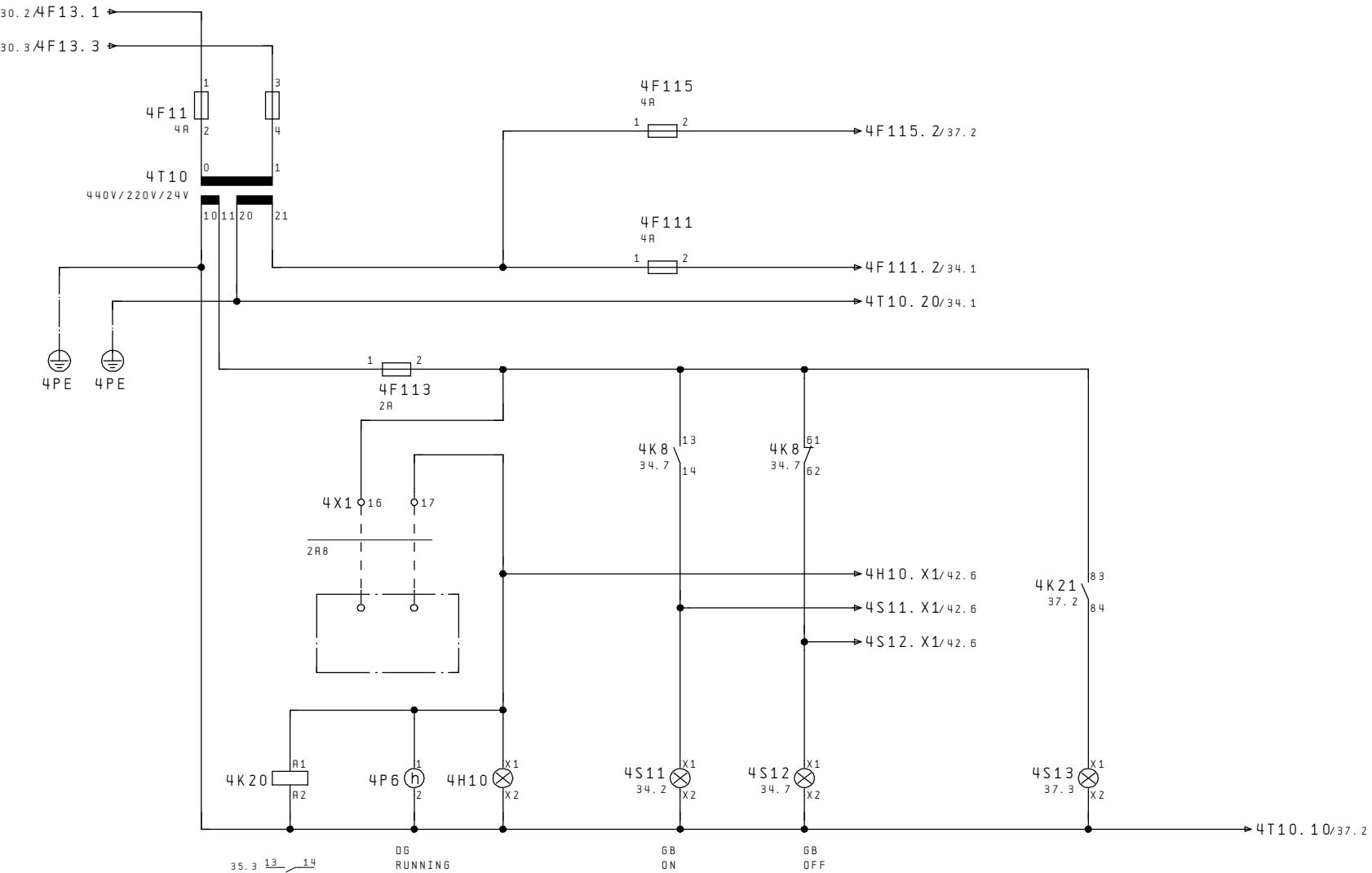
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		DATE	2004.10.25	JINLINGSHIPYARD	SAM Taihang Electronics	MAIN SWITCHBOARD	POWER AND CURRENT MEASURING	=
		PROC.	HXM	HULL NO: JLZ030507				*
		CHECK	XIA YU MEI					
ALTER.	DATE	NAME	STORD	ORIGIN	REPL. FOR	REPL. WITH	PANEL 4	PB651A-000STR
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							7	8
								9

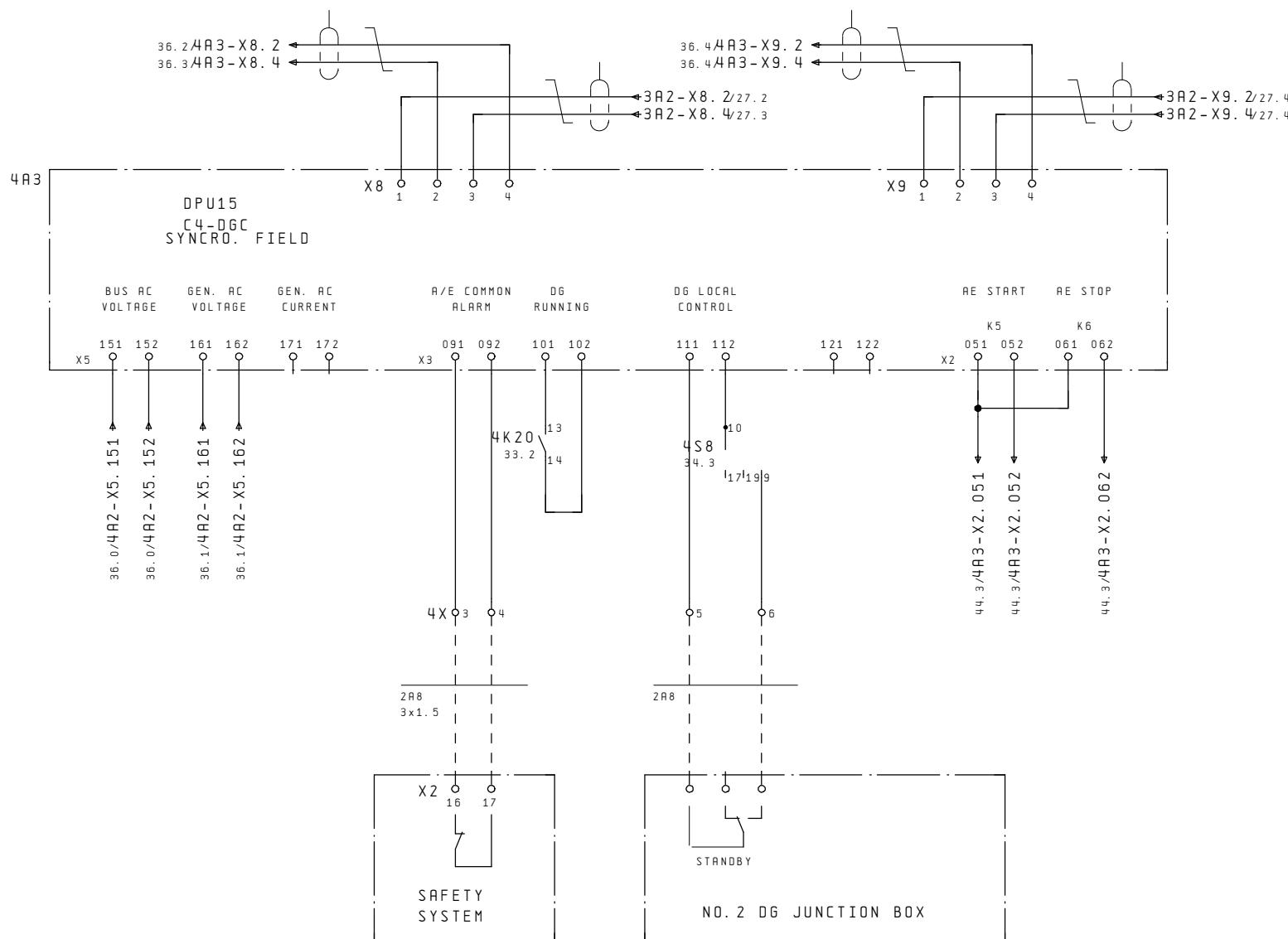


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	2005.09.12	XYM	PROC. HXM	HULL NO: JLZ030507				
		CHECK	XIA YU MEI					
ALTER.	DATE	NAME	STORD	ORIGIN	REPL. FOR	REPL. WITH	PANEL 4	PB651A-000STR
							SH. 32	
							90 SH.	

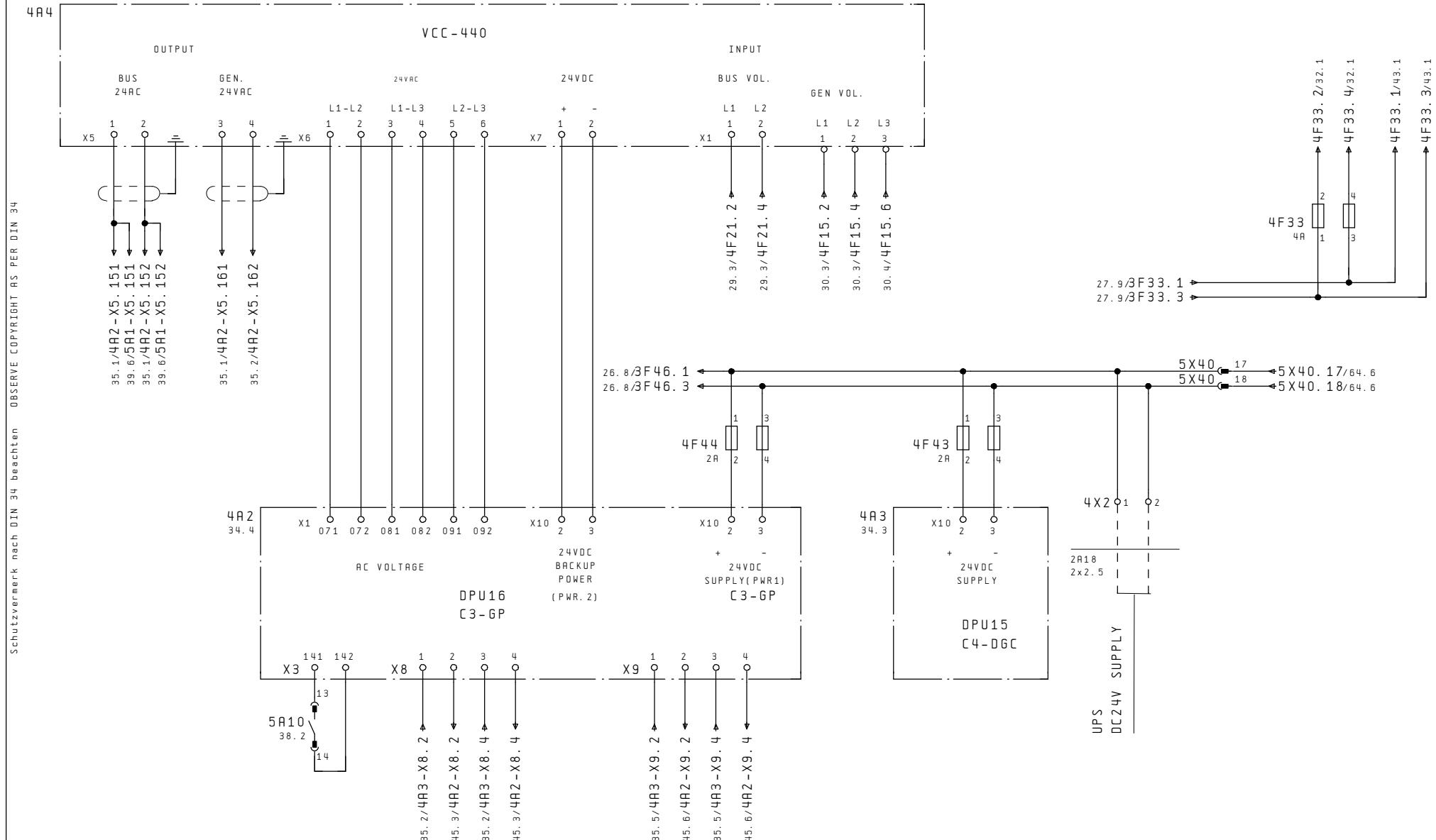


		DATE	2004.10.25	JINLINGSHIPYARD	SAM Taihang Electronics	MAIN SWITCHBOARD	INDICATION		=	
R	2005.08.02	XYM	PROC.	HXM					+	
		CHECK	XIA YU MEI	HULL NO: JLZ030507			PANEL 4	PB651A-000STR	SH. 33	
ALTER.	DATE	NAME	STORD	ORIGIN	REPL. FOR	REPL. WITH			90 SH.	
		1		2	3	4	5	6	7	8

CAD	SAT\JL14500\ PB651ASTR
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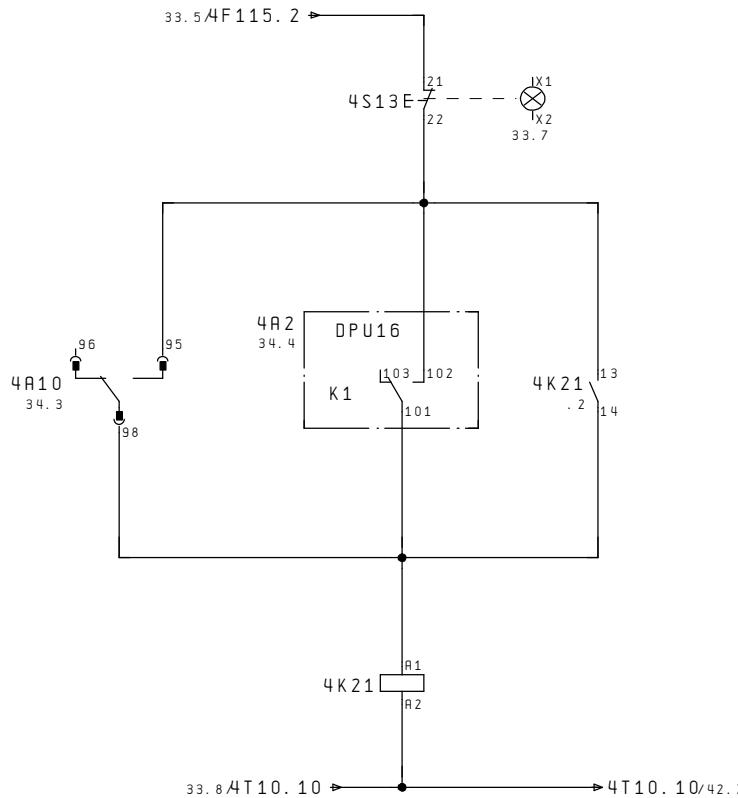


		DATE	2004.10.25	JINLINGSHIPYARD	SAM Taihang Electronics	MAIN SWITCHBOARD	A/E CONTROL	=
		PROC.	HXM	HULL NO: JLZ030507				*
		CHECK	XIA YU MEI					
ALTER.	DATE	NAME	STORD	ORIGIN	REPL. FOR	REPL. WITH	PANEL 4	PB651A-000STR
				2	3	4	5	6
				7	8	9		



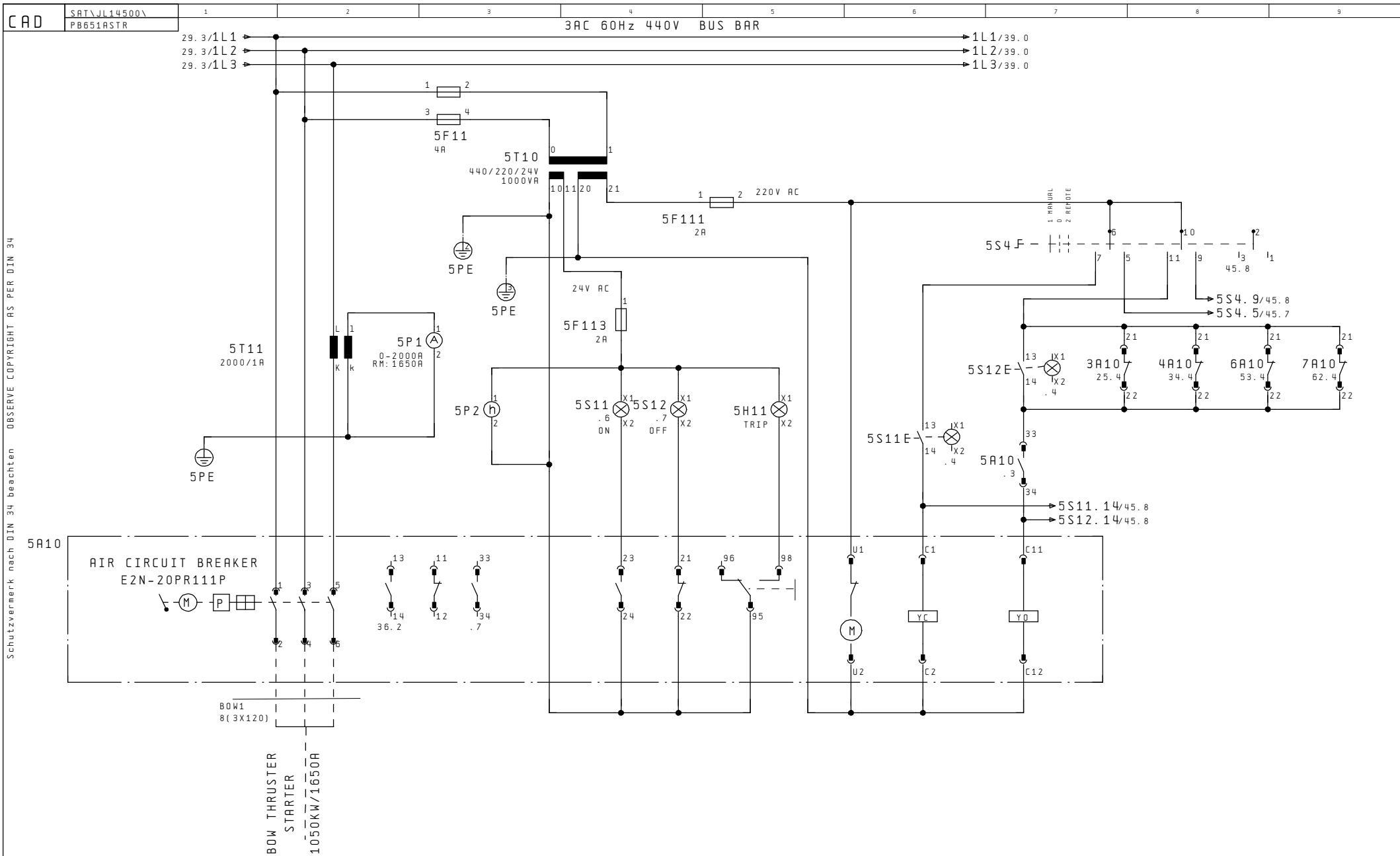
		DATE	2004.10.25	JINLINGSHIPYARD	SAM Taihang Electronics	MAIN SWITCHBOARD	A/E CONTROL	=
		PROC.	HXM	HULL NO: JLZ030507				*
		CHECK	XIA YU MEI					
ALTER.	DATE	NAME	STORD	ORIGIN	REPL. FOR	REPL. WITH	PANEL 4	PB651A-000STR
				1	2	3	4	5
							6	7
							8	9

CAD	SAT\JL14500\ PB651ASTR	1	2	3	4	5	6	7	8	9
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.3 13
34.4 53 54
33.7 83 84

		DATE	2004.10.25	JINLINGSHIPYARD	SAM Taihang Electronics	MAIN SWITCHBOARD	GENERATOR PROTECTION	=
		PROC.	HXM	HULL NO: JLZ030507				*
		CHECK	XIA YU MEI					
ALTER.	DATE	NAME	STORD	ORIGIN	REPL. FOR	REPL. WITH	PANEL 4	PB651A-000STR
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						5	6	7
						6	7	8
						8	9	9

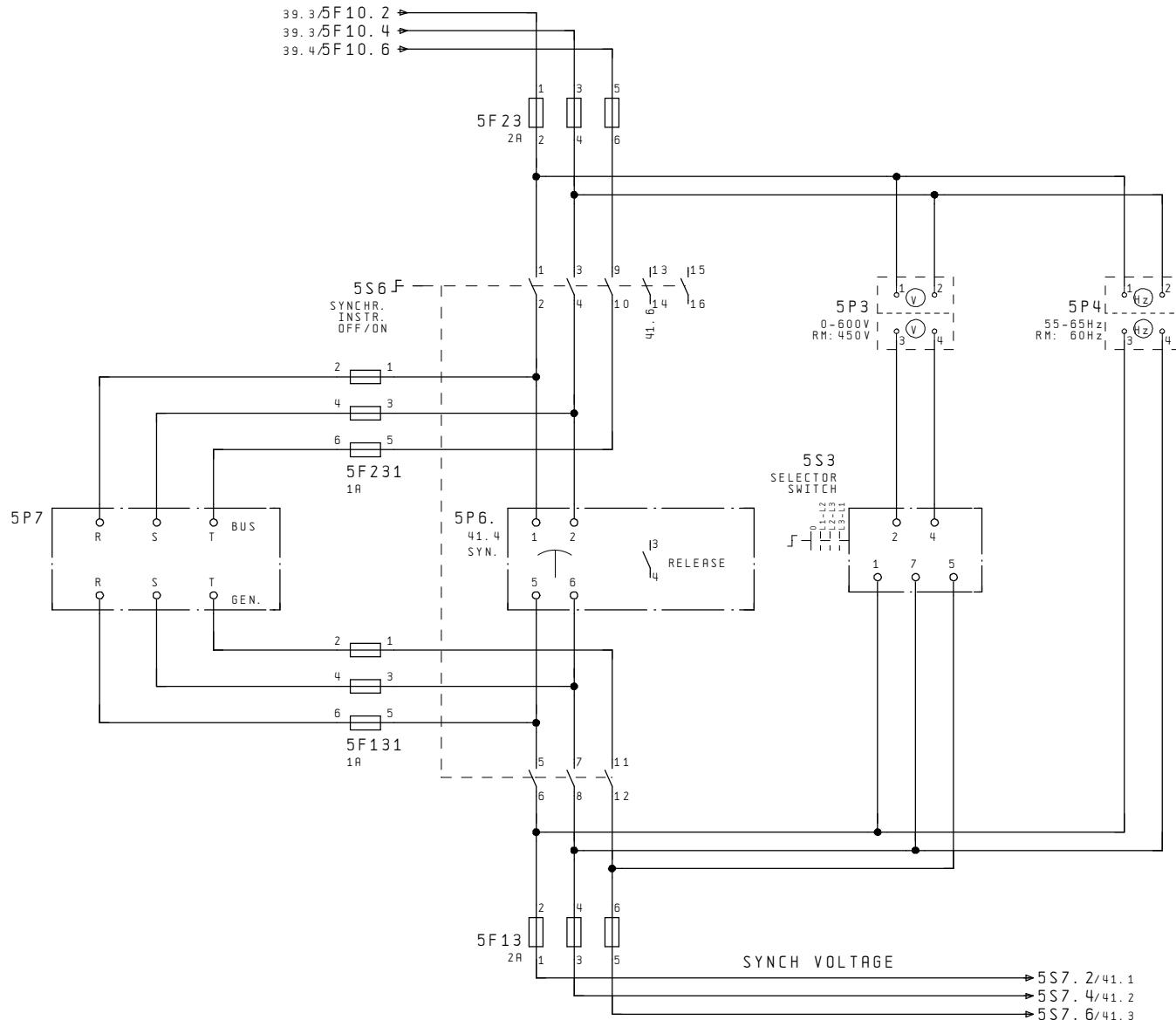


		DATE	2004.10.25	JINLINGSHIPYARD HULL NO: JLZ030507	SAM Taihang Electronics	MAIN SWITCHBOARD	BOW THRUSTER		=		
	2005.08.02	XYM	PROC.	HXM			PANEL 5		PB651A-000STR	SH 38	
		CHECK	XIA YU MEI							90 SH.	
ALTER.	DATE	NAME	STD RD	ORIGIN	REPL. FOR	REPL. WITH					
		1		2	3	4	5	6	7	8	9

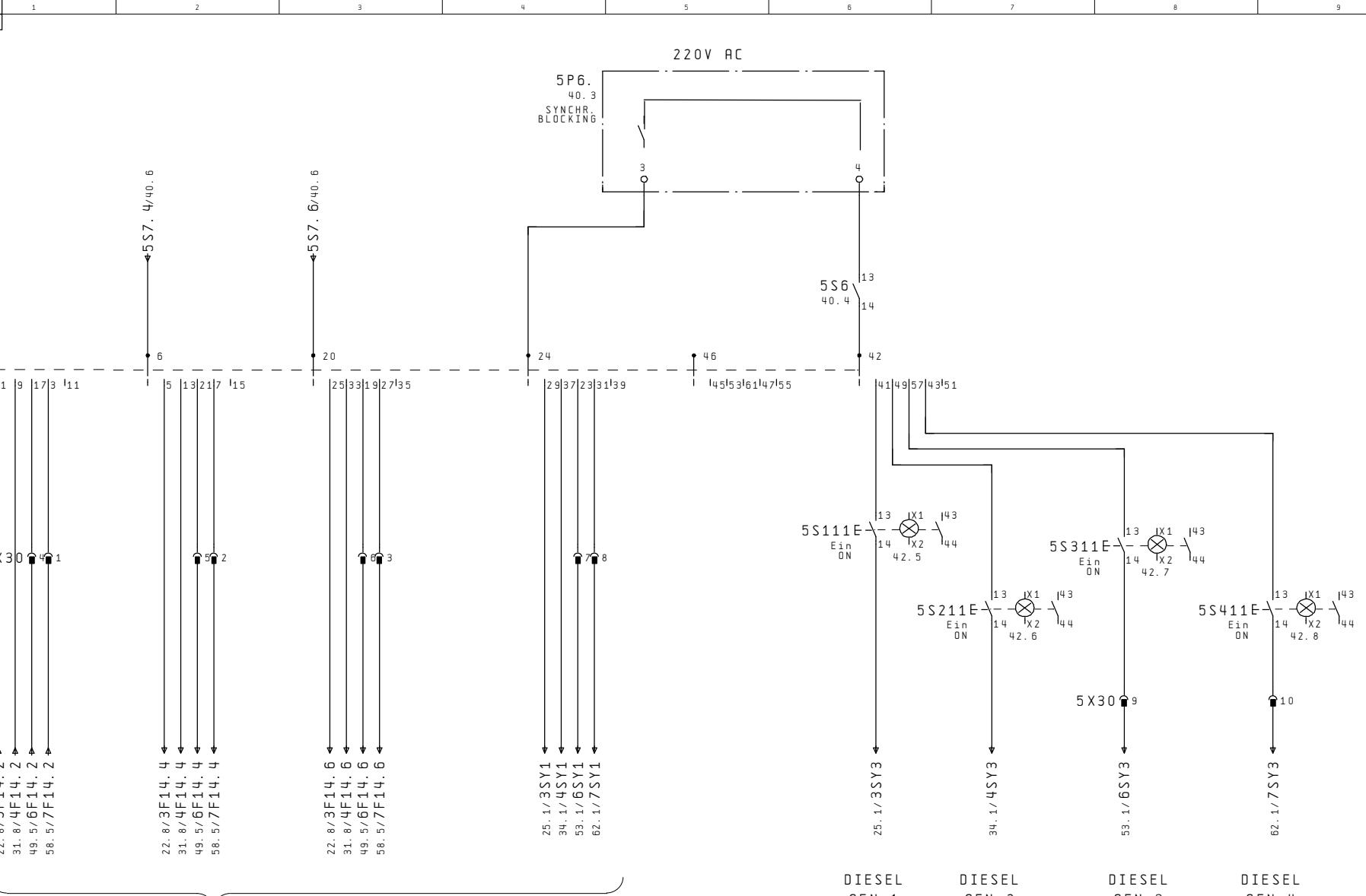
CAD	SAT\JL14500\ PB651ASTR
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1	2	3	4	5	6	7	8	9
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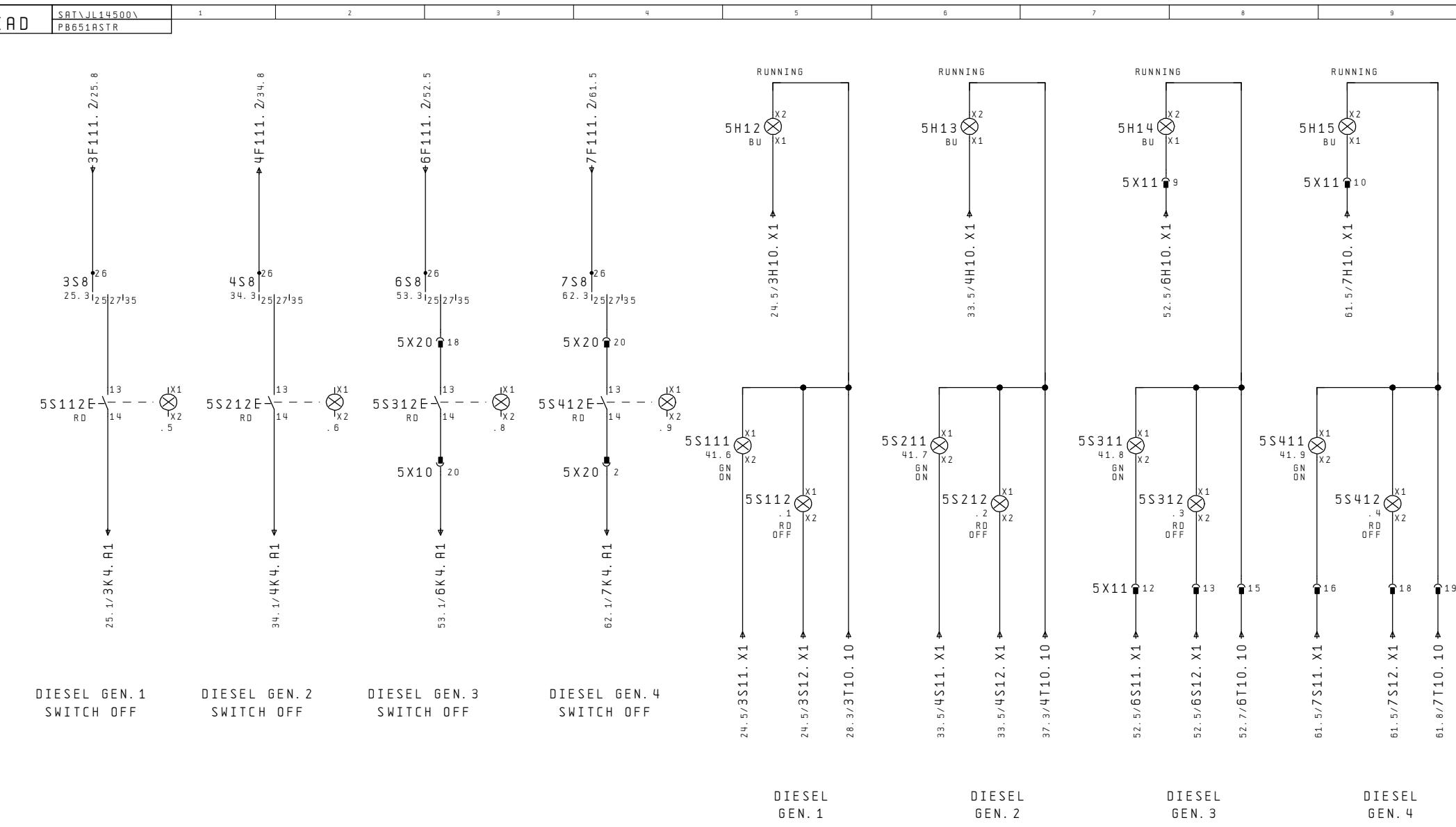
MAIN BUS BAR VOLTAGE 3AC 60HZ 440V



		DATE	2004.10.25	JINLINGSHIPYARD	SAM Taihang Electronics	MAIN SWITCHBOARD	MAIN BUS BAR MONIT	=
		PROC.	HXM	HULL NO: JLZ030507				*
		CHECK	XIA YU MEI					
ALTER.	DATE	NAME	STORD	ORIGIN	REPL. FOR	REPL. WITH	PANEL 5	PB651A-000STR
				1	2	3	4	SH. 40
						5	6	SH. 90
						7	8	
						9		

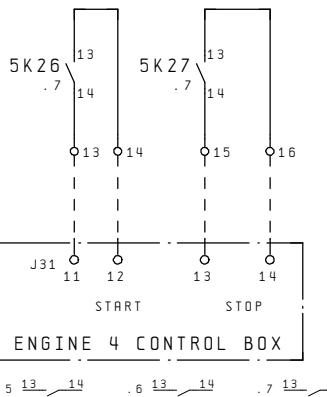
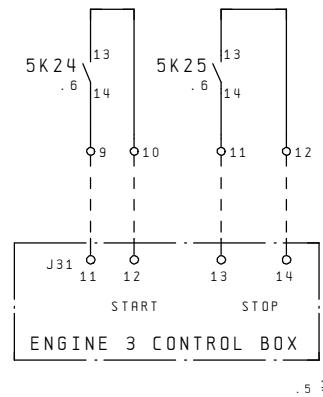
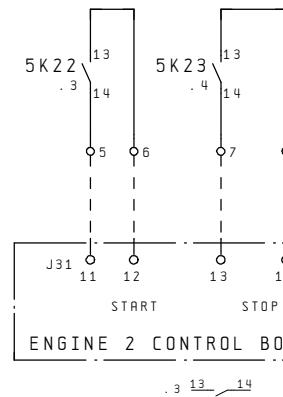
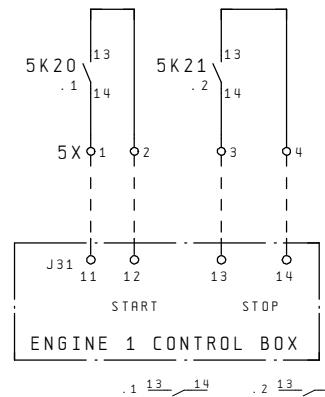
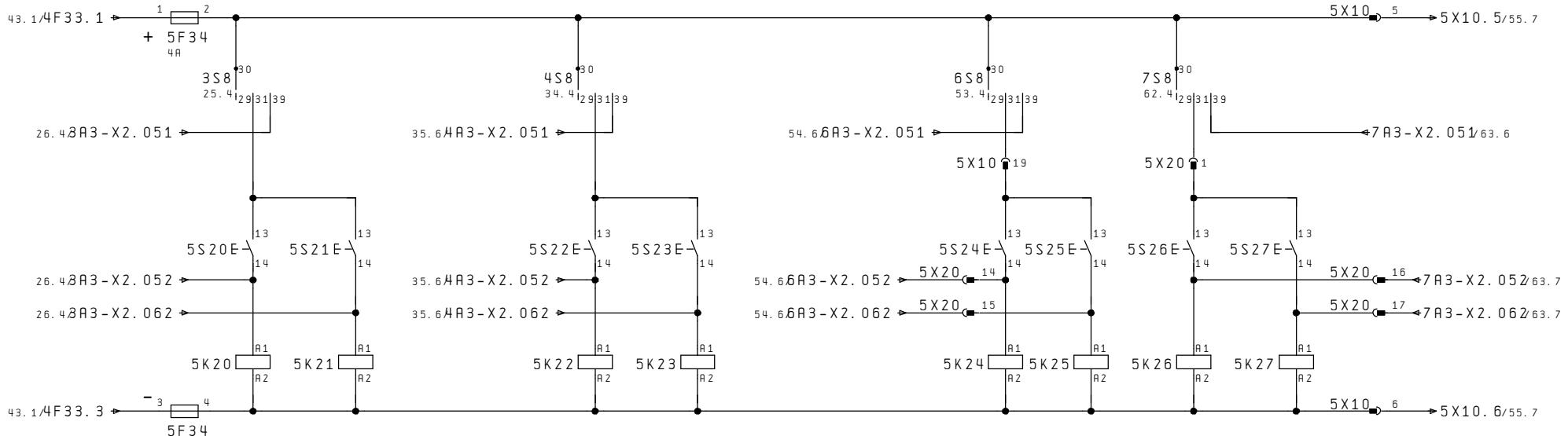


		DATE	2004.10.25	JINLINGSHIPYARD	SAM Taihang Electronics	MAIN SWITCHBOARD	SYNCHR. SELECTION	=
		PROC.	HXM	HULL NO: JLZ030507			PANEL 5	*
		CHECK	XIA YU MEI				PB651A-000STR	SH. 41
ALTER.	DATE	NAME	STORD	ORIGIN	REPL. FOR	REPL. WITH		SH. 90
				1	2	3	4	5
						5	6	7
							8	9



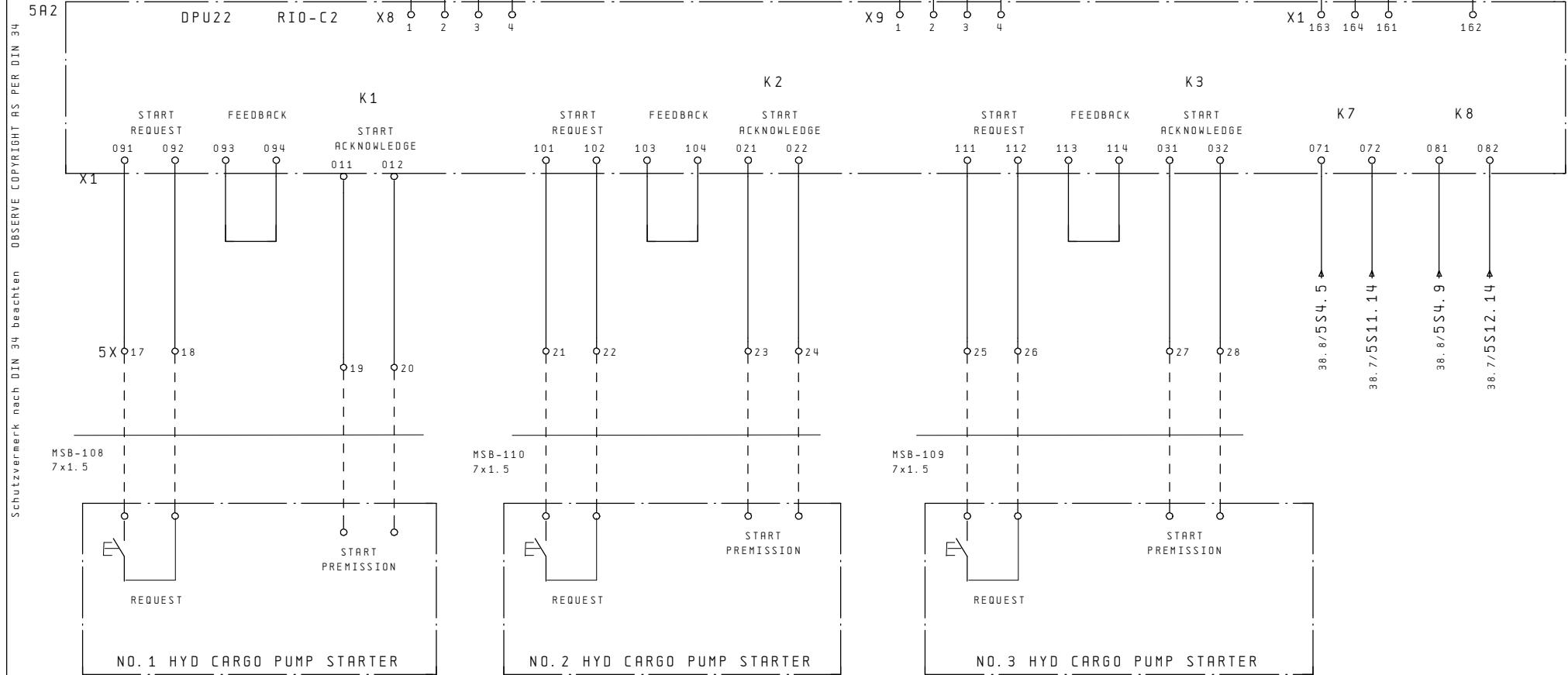
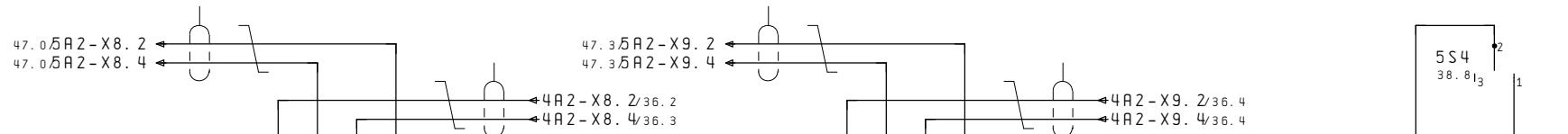
		DATE	2004.10.25	JINLINGSHIPYARD HULL NO: JLZ030507	SAM Taihang Electronics	MAIN SWITCHBOARD	SHAFT AND DIESEL GEN. SWITCH OFF CONTROL	
		PROC.	HXM			PANEL 5	PB651A-000STR	SH. 42
		CHECK	XIA YU MEI					SH. 90
ALTER.	DATE	NAME	STORD	ORIGIN	REPL. FOR	REPL. WITH		
				1	2	3	4	5
						5	6	7
							8	9

		DATE	2004.10.25	JINLINGSHIPYARD	SAM Taihang Electronics	MAIN SWITCHBOARD	DIESEL GEN. SWITCH ON IND.	=		
		PROC.	HXM					+		
		CHECK	XIA YU MEI	HULL NO: JLZ030507						
ALTER.	DATE	NAME	STD RD	ORIGIN	REPL. FOR	REPL. WITH	PANEL 5	PB651A-000STR	SH. 43	
		1		2	3	4			90 SH.	
						5	6	7	8	9



		DATE	2004.10.25	JINLINGSHIPYARD	SAM Taihang Electronics	MAIN SWITCHBOARD	DIESEL ENGINE START/STOP	=
		PROC.	HXM	HULL NO: JLZ030507				*
		CHECK	XIA YU MEI					
ALTER.	DATE	NAME	STORD	ORIGIN	REPL. FOR	REPL. WITH	PANEL 5	PB651A-000STR
							SH. 44	
							90 SH.	

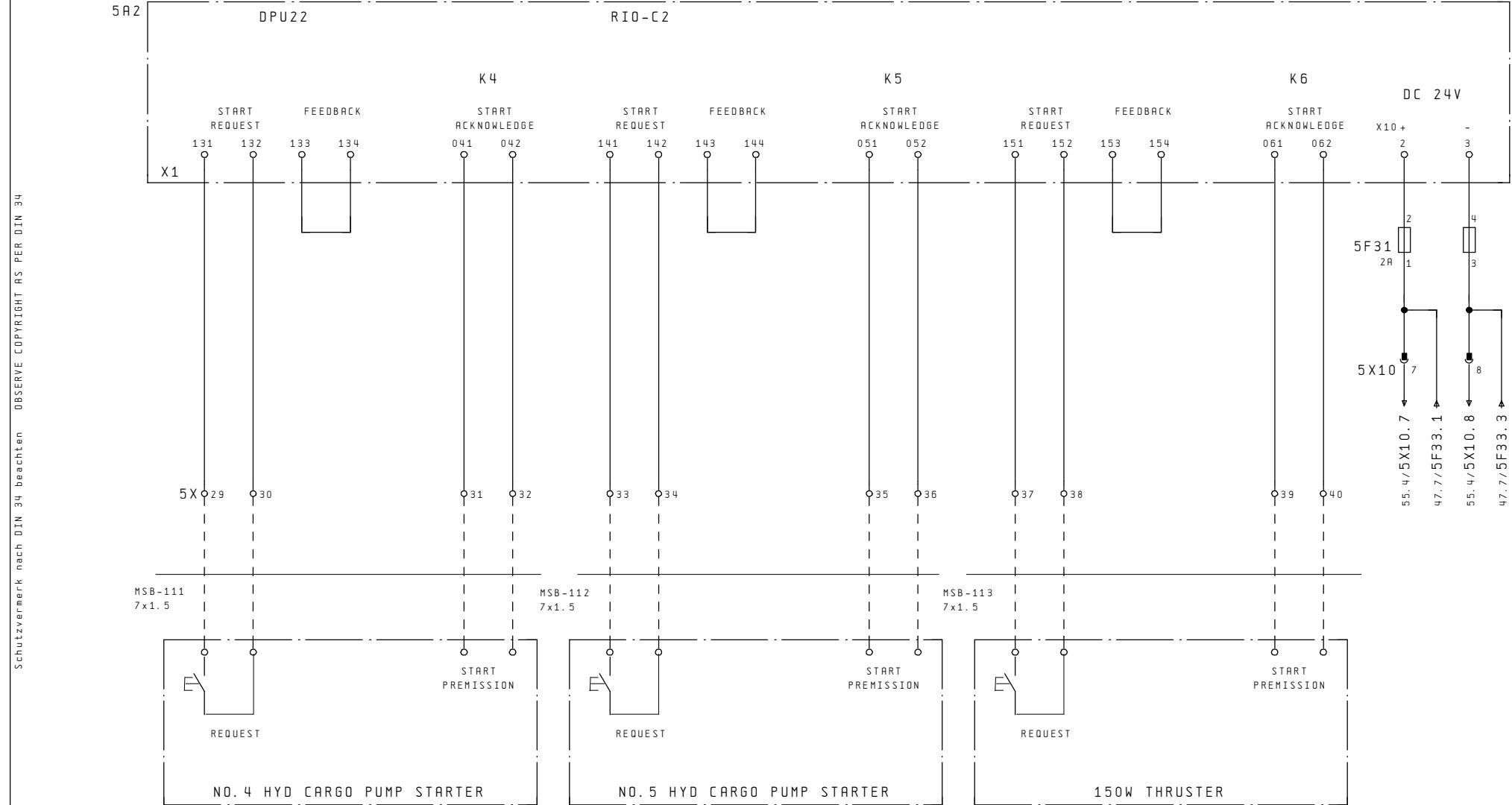
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	PB651ASTR									



		DATE	2004.10.25	JINLINGSHIPYARD	SAM Taihang Electronics	MAIN SWITCHBOARD	HEAVY LOAD REQUEST	=
		PROC.	HXM	HULL NO: JLZ030507				*
		CHECK	XIA YU MEI					
ALTER.	DATE	NAME	STORD	ORIGIN	REPL. FOR	REPL. WITH	PANEL 5	PB651A-000STR
				1	2	3	4	SH. 45
								90 SH.

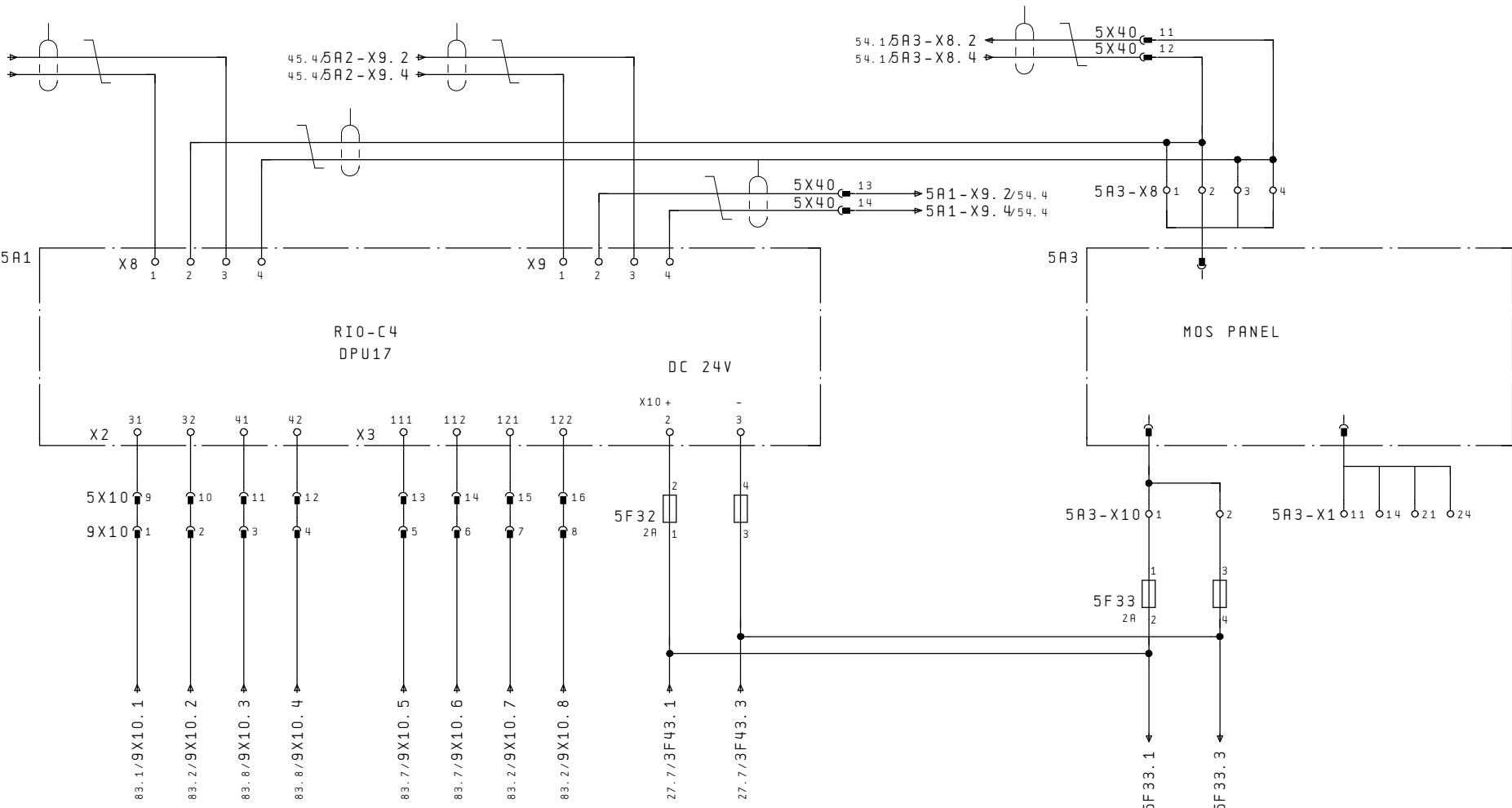
02. Aug. 2005

01. Nov. 2005

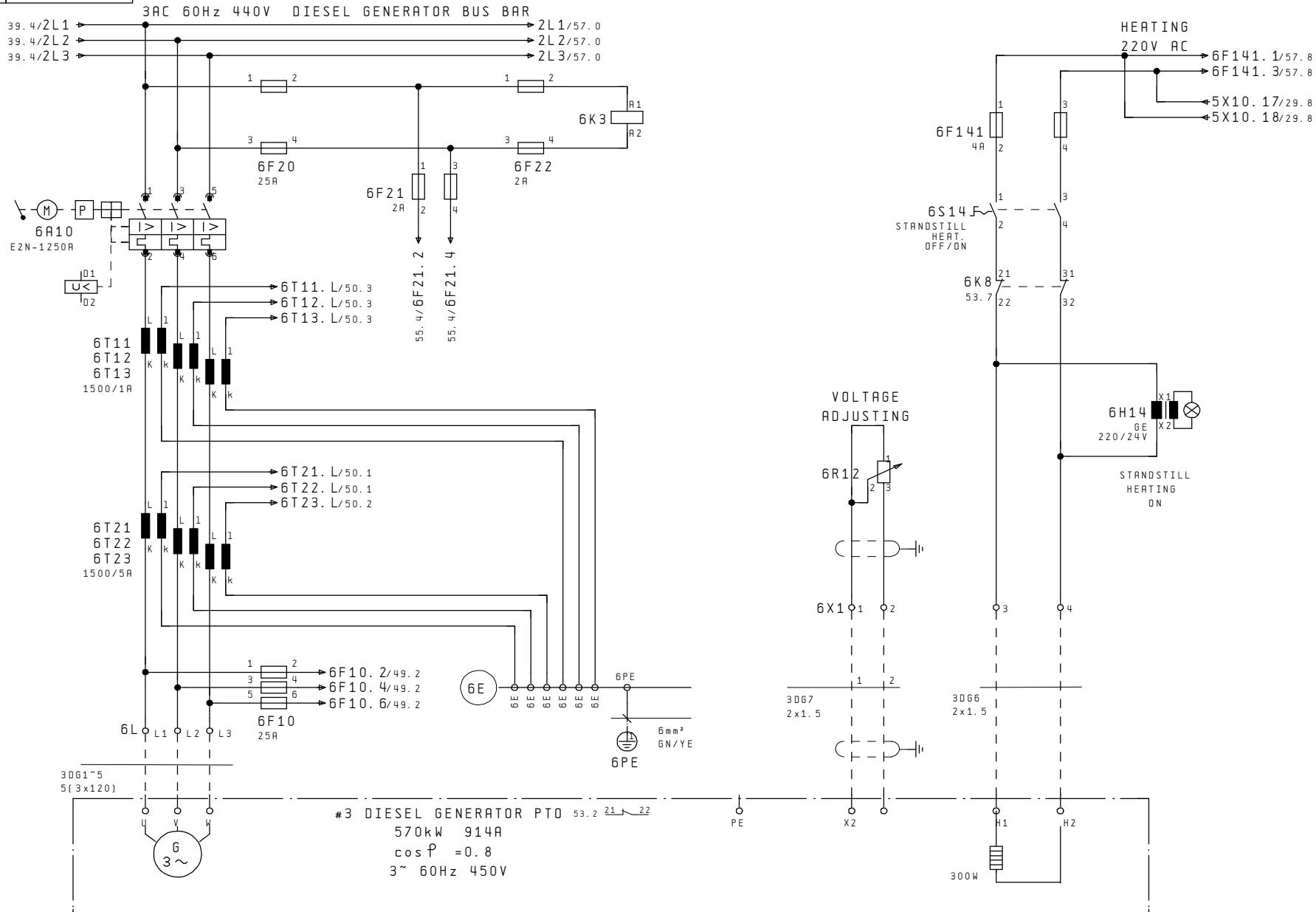


		DATE	2004.10.25	JINLINGSHIPYARD	SAM Taihang Electronics	MAIN SWITCHBOARD	HEAVY LOAD REQUEST	=
		PROC.	ZOU	HULL NO: JLZ030507				*
		CHECK	XIA YU MEI					
ALTER.	DATE	NAME	STORD	ORIGIN	REPL. FOR	REPL. WITH	PANEL 5	PB651A-000STR
				1	2	3	4	SH. 46
								90 SH.

CAD SAT\JL14500\PB651ASTR

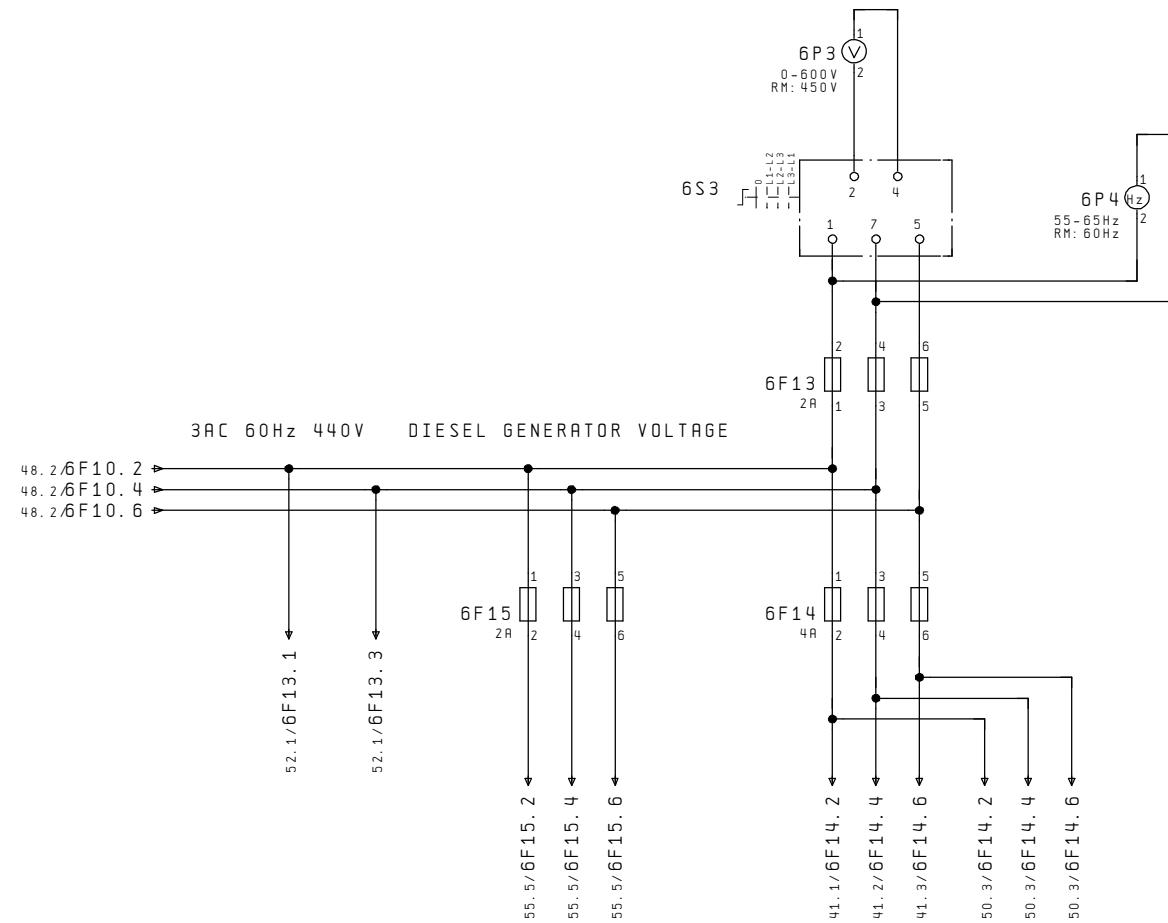


		DATE	2004.10.25	JINLINGSHIPYARD	SAM Taihang Electronics	MAIN SWITCHBOARD	HEAVY LOAD REQUEST	=
		PROC.	HXM	HULL NO: JLZ030507				*
		CHECK	XIA YU MEI					
ALTER.	DATE	NAME	STORD	ORIGIN	REPL. FOR	REPL. WITH	PANEL 5	PB651A-000STR
				1	2	3	4	SH. 47
							7	90 SH.
							8	
							9	



		DATE	2004.10.25	JINLINGSHIPYARD	SAM Taihang Electronics	MAIN SWITCHBOARD	3# DIESEL GENERATOR CONNECTION				
		PROC.	HXM								
		CHECK	XIA YU MEI								
ALTER.	DATE	NAME	STORD	ORIGIN	REPL. FOR	REPL. WITH	PANEL 6	PB651A-000STR	SH. 48 90 SH.		
		1		2	3	4	5	6	7	8	9

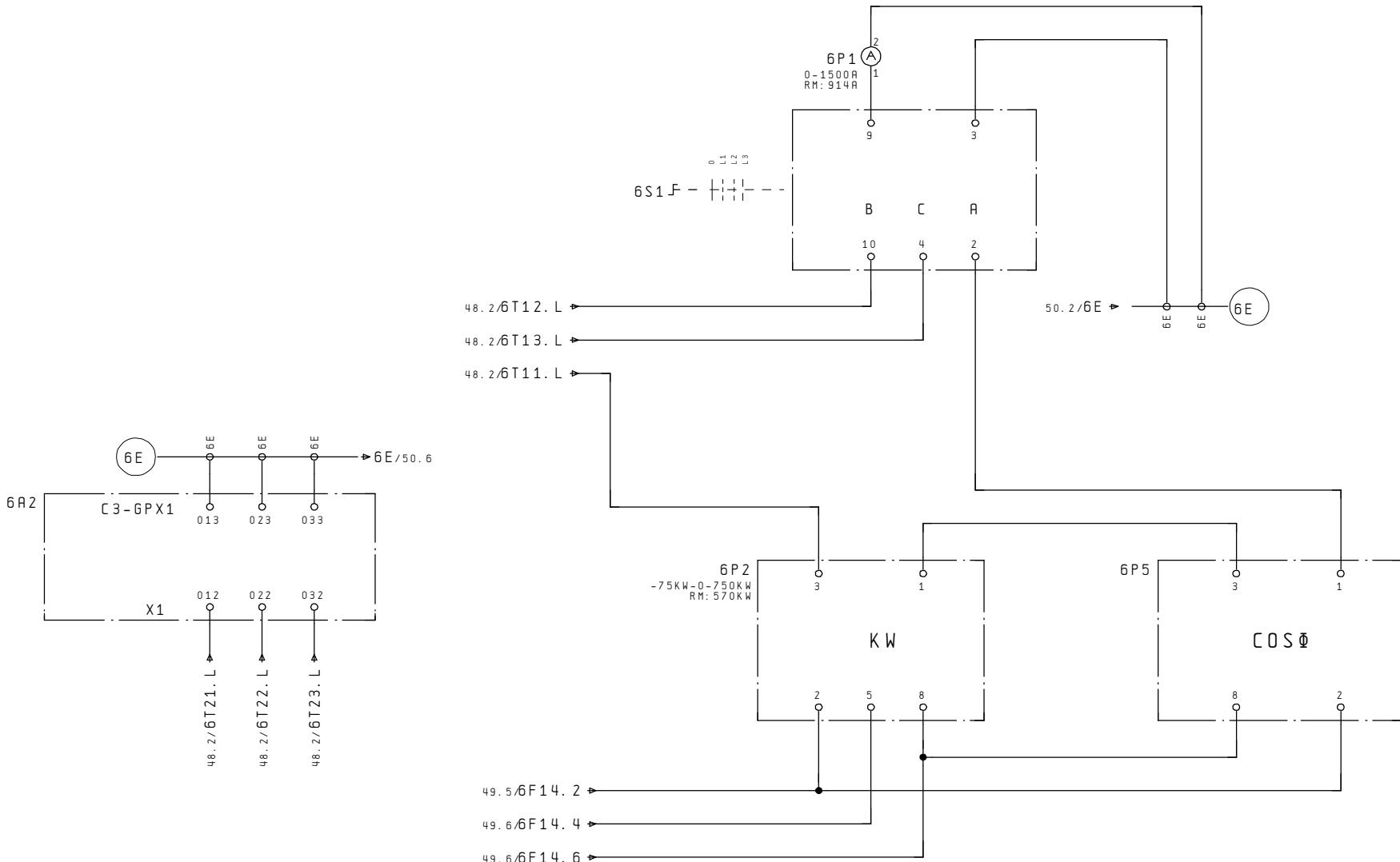
CAD	SAT\JL14500\ PB651ASTR
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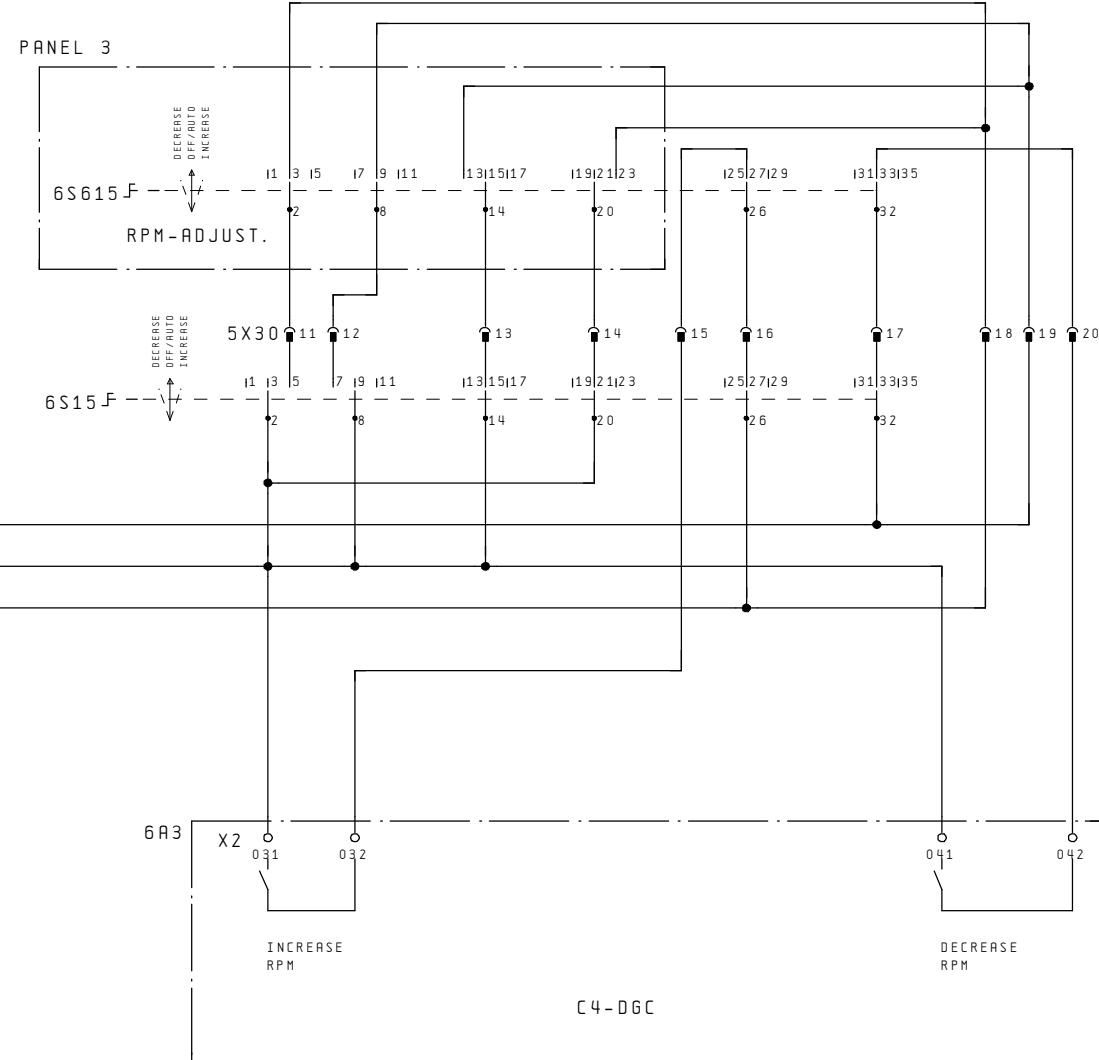
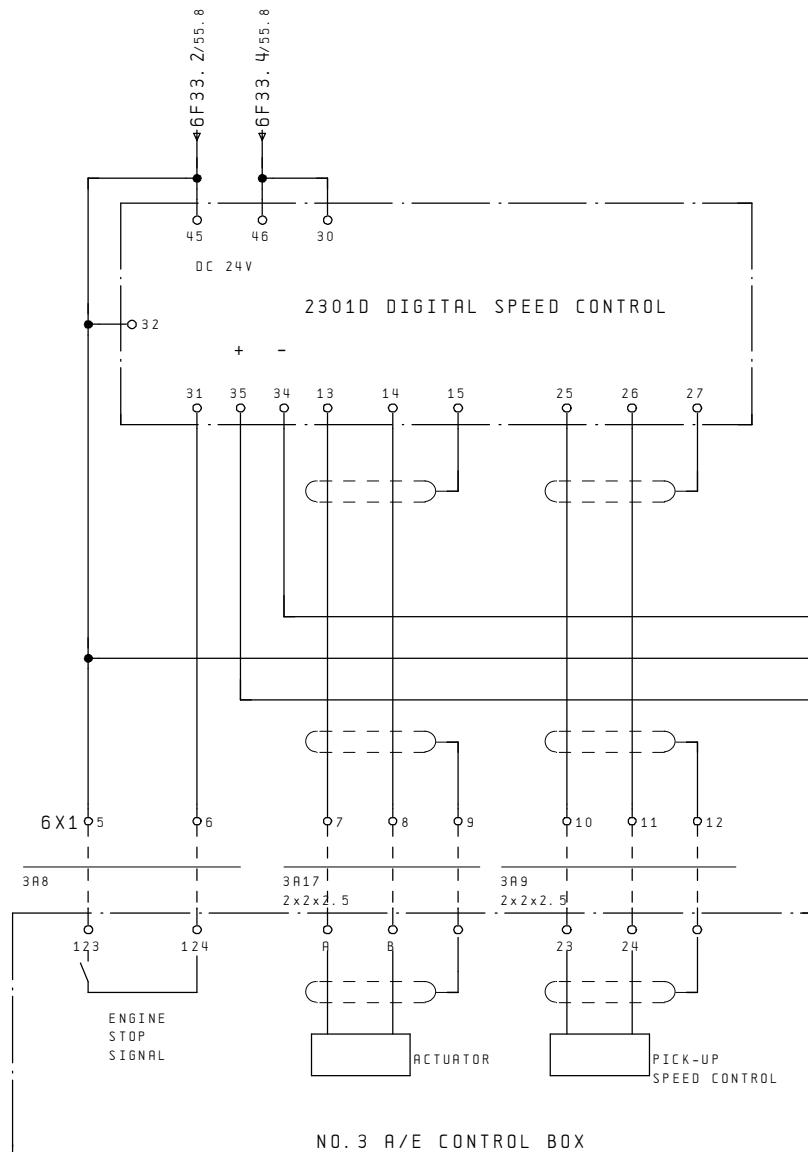


		DATE	2004.10.25	JINLINGSHIPYARD	SAM Taihang Electronics	MAIN SWITCHBOARD	3# DIESEL GEN. CONT. VOLT. C.	B:
		PROC.	HXM	HULL NO: JLZ030507			PANEL 6	PB651A-000STR
		CHECK	XIA YU MEI					SH. 49
ALTER.	DATE	NAME	STORD	ORIGIN	REPL. FOR	REPL. WITH		90 SH.
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						5	6	7
							8	9

CAD	SAT\JL14500\ PB651ASTR
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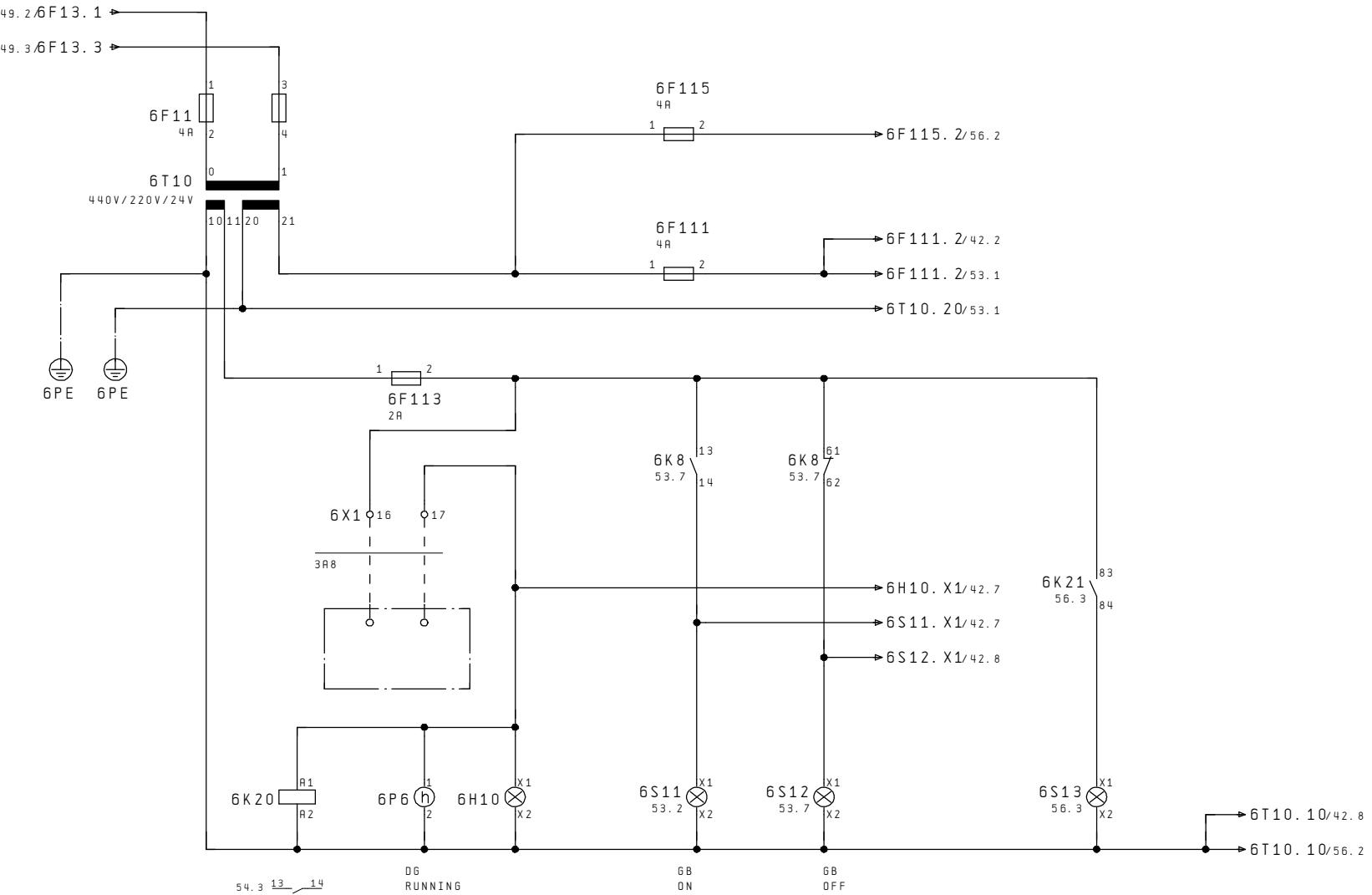
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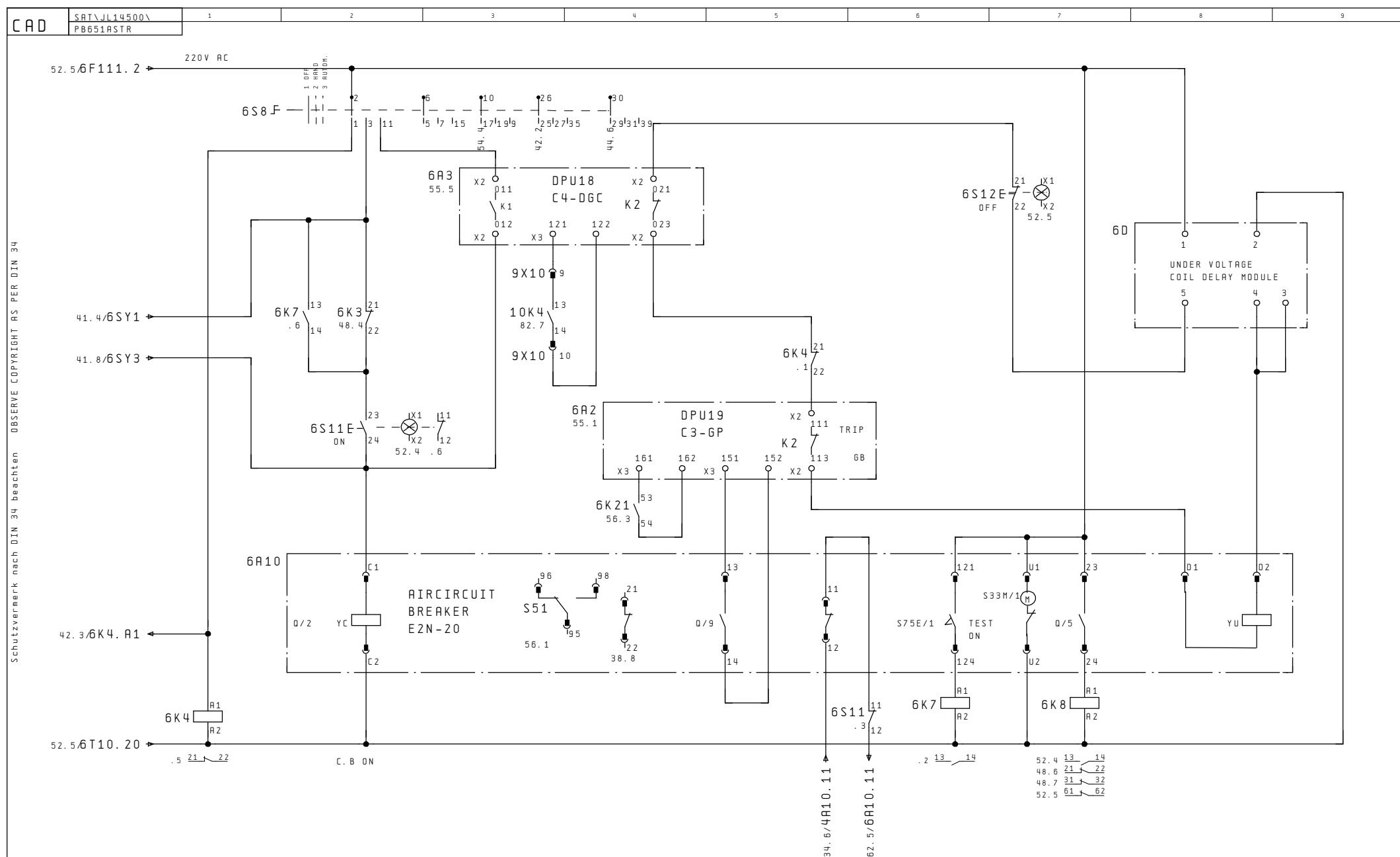


02. Aug. 2005

01. Nov. 2005



		DATE	2004.10.25	JINLINGSHIPYARD	SAM Taihang Electronics	MAIN SWITCHBOARD	INDICATION		=		
	2005.08.02	XYM	PROC.	HXM					+		
		CHECK	XIA YU MEI				PANEL 6	PB651A-000STR	SH. 52		
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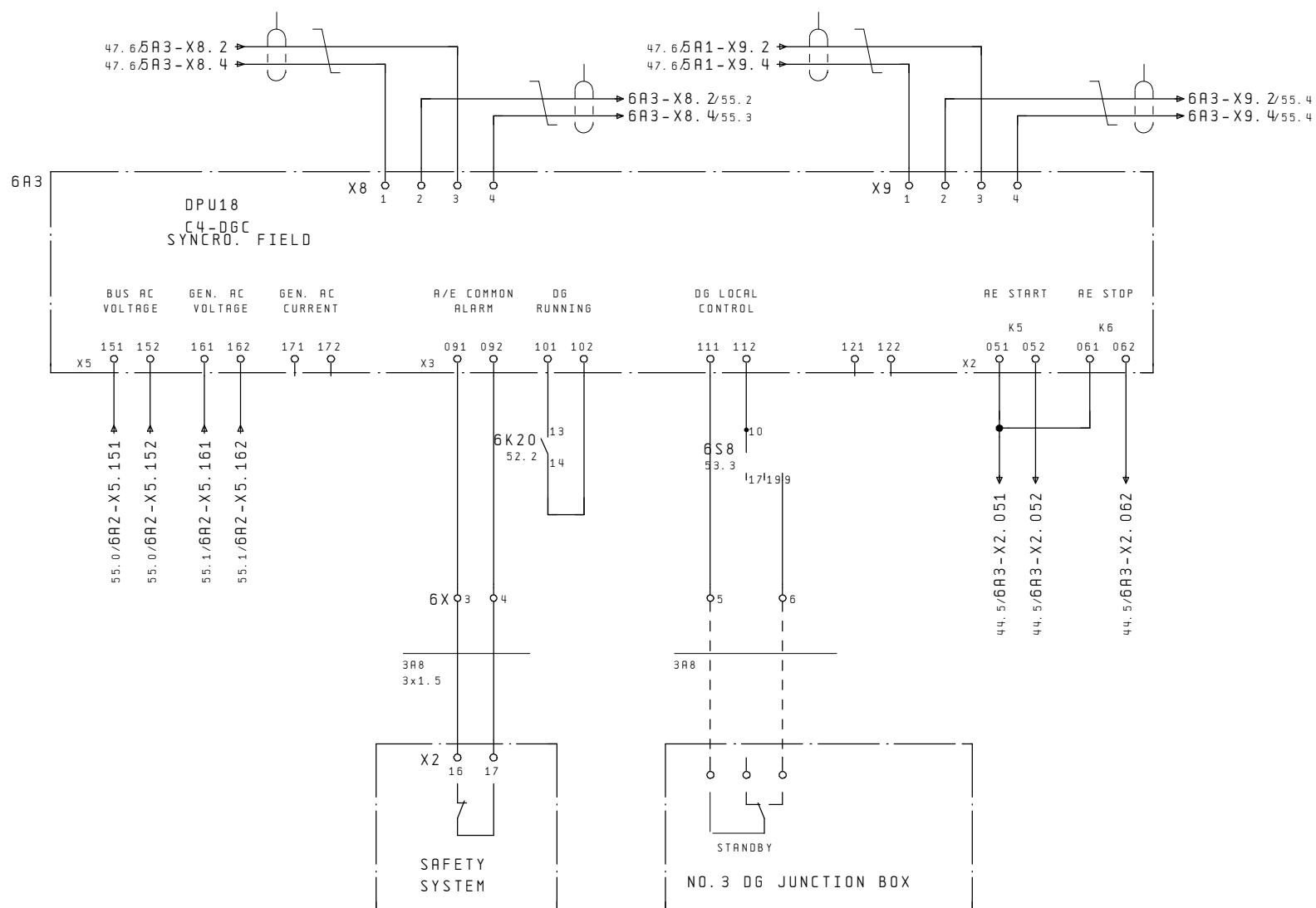


		DATE	2004.10.25	JINLINGSHIPYARD	SAM Taihang Electronics	MAIN SWITCHBOARD	ACB CONTROL	=
		PROC.	HXM	HULL NO: JLZ030507				*
		CHECK	XIA YU MEI					
ALTER.	DATE	NAME	STORD	ORIGIN	REPL. FOR	REPL. WITH	PANEL 6	PB651A-000STR
							SH. 53	
							90 SH.	

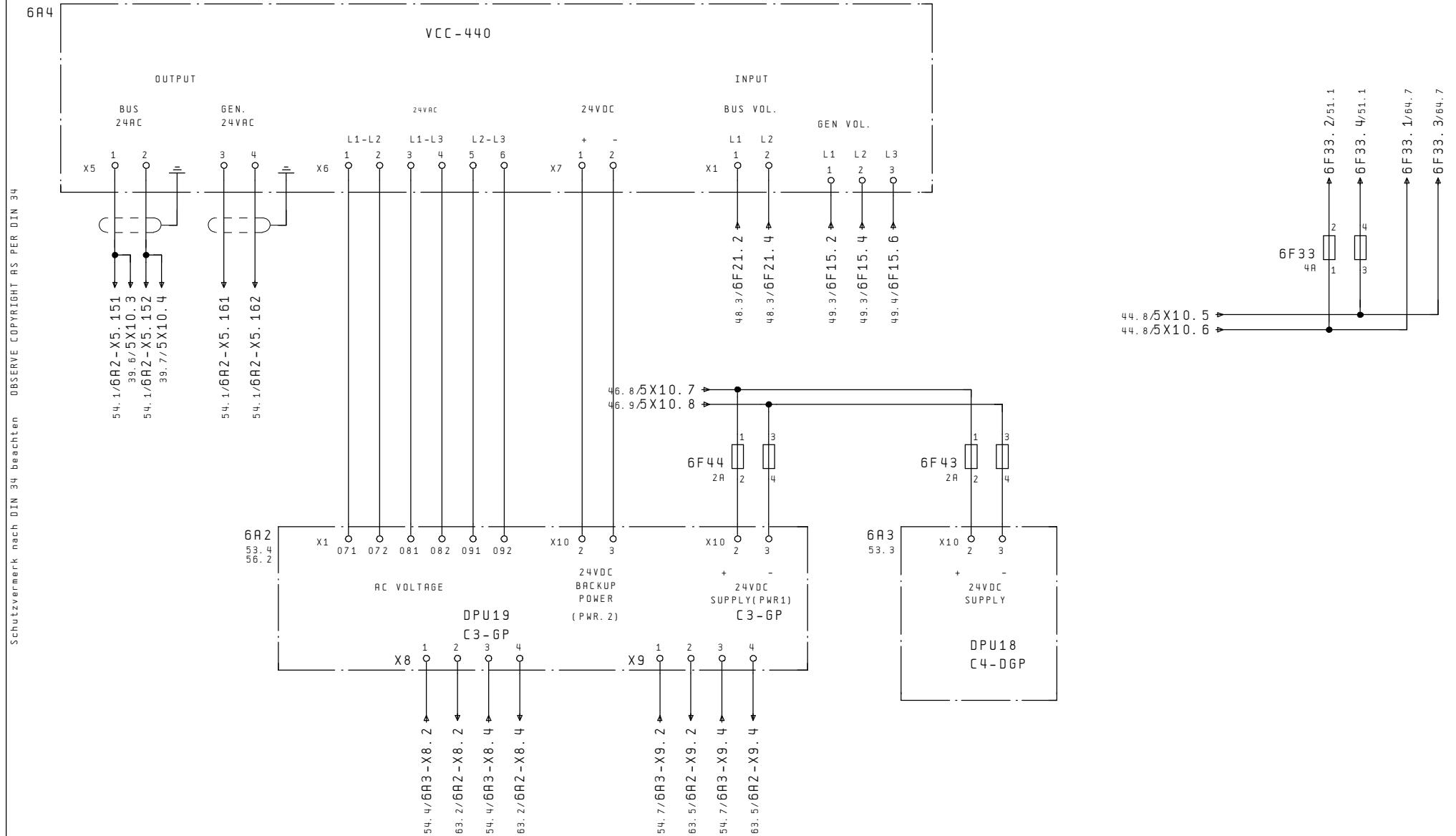
02. Aug. 2005

01. Nov. 2005

CAD	SAT\JL14500\	1	2	3	4	5	6	7	8	9
	PB651ASTR									

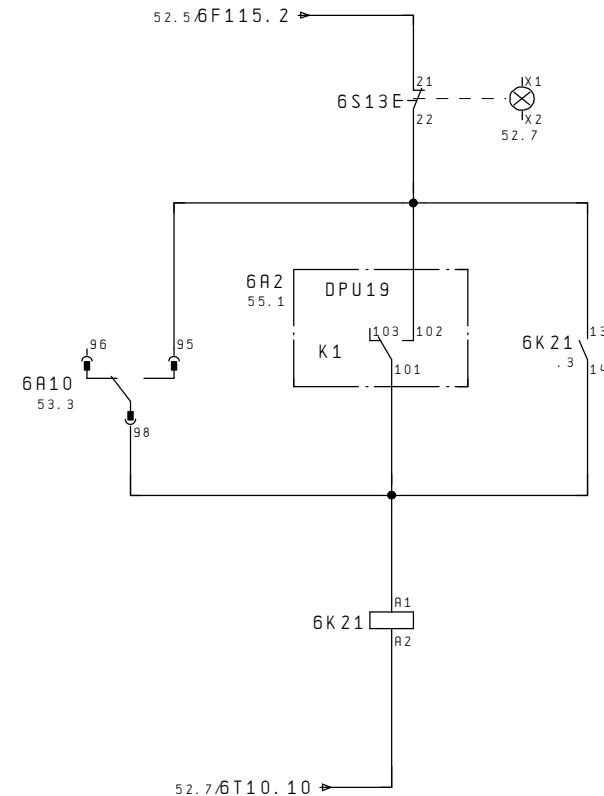


		DATE	2004.10.25	JINLINGSHIPYARD	SAM Taihang Electronics	MAIN SWITCHBOARD	A/E CONTROL	=
		PROC.	HXM	HULL NO: JLZ030507				*
		CHECK	XIA YU MEI					
ALTER.	DATE	NAME	STORD	ORIGIN	REPL. FOR	REPL. WITH	PANEL 6	PB651A-000STR
				1	2	3	4	54
							90 SH.	90 SH.



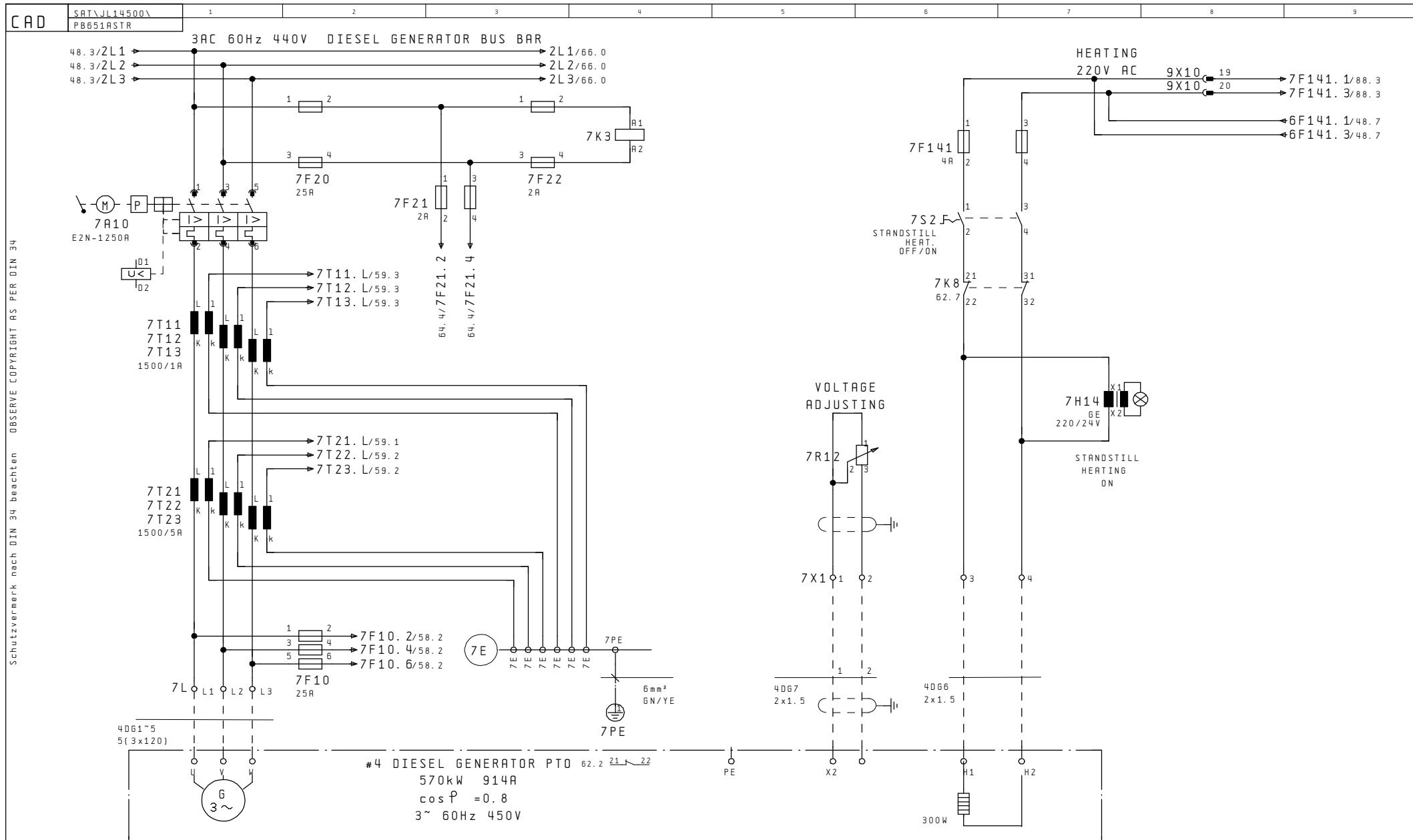
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		PROC.	HXM	HULL NO: JLZ030507				*
		CHECK	XIA YU MEI					
ALTER.	DATE	NAME	STORD	ORIGIN	REPL. FOR	REPL. WITH	PANEL 6	PB651A-000STR
				1	2	3	4	SH. 55
						5	6	90 SH.
						7	8	9

CAD	SAT\JL14500\ PB651ASTR	1	2	3	4	5	6	7	8	9
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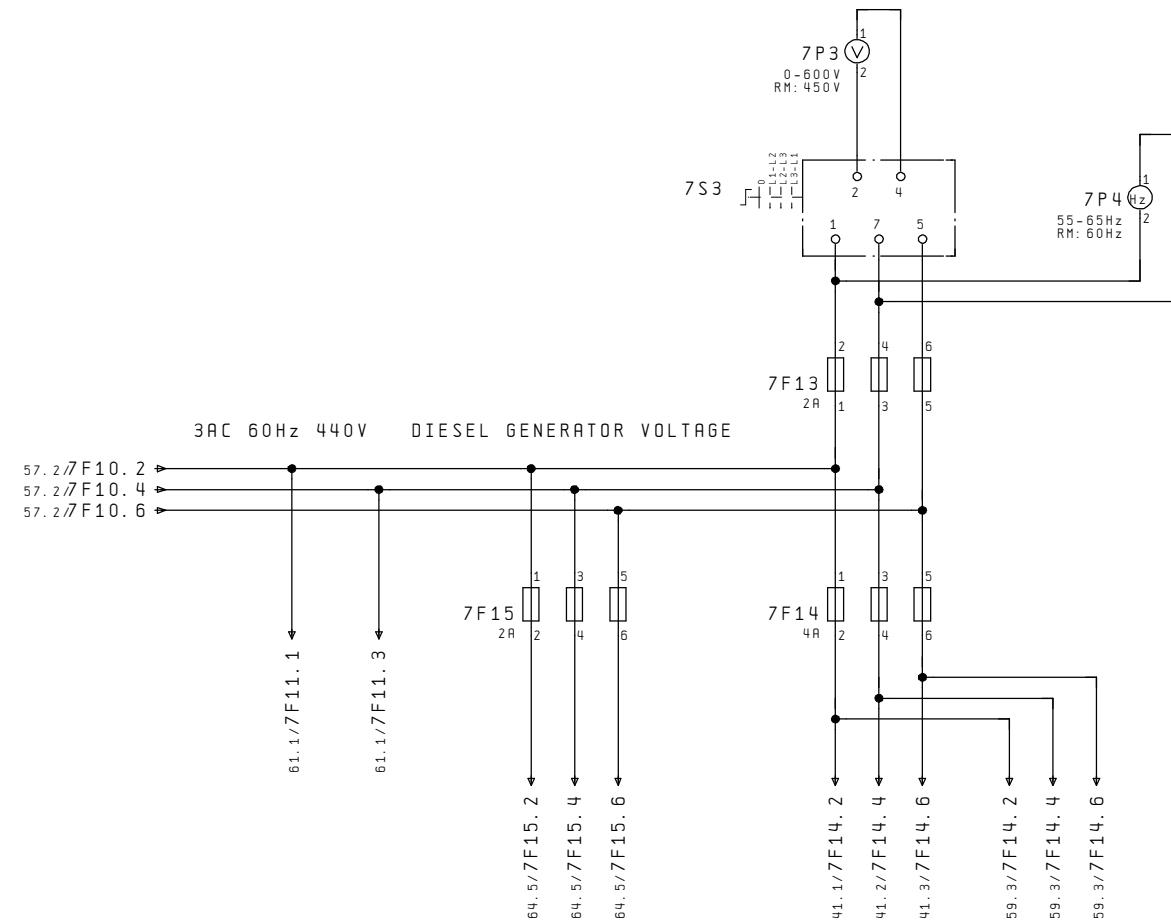
.4 13
53.4 53 54
52.7 83 84

		DATE	2004.10.25	JINLINGSHIPYARD	SAM Taihang Electronics	MAIN SWITCHBOARD	GENERATOR PROTECTION	=
		PROC.	HXM	HULL NO: JLZ030507				*
		CHECK	XIA YU MEI					
ALTER.	DATE	NAME	STORD	ORIGIN	REPL. FOR	REPL. WITH	PANEL 6	PB651A-000STR
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				1			7	8
							9	



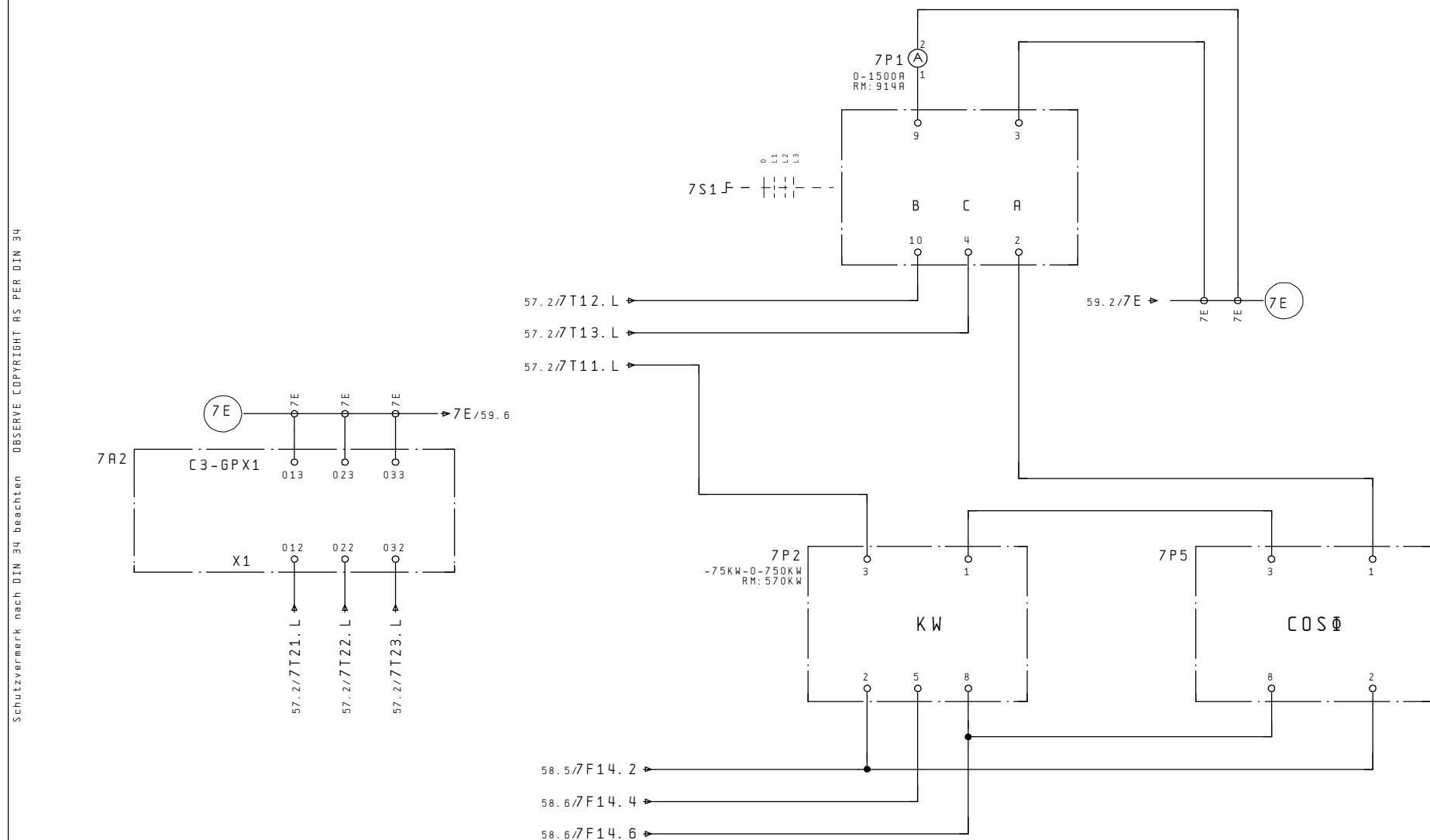
		DATE	2004.10.25	JINLINGSHIPYARD	SAM Taihang Electronics	MAIN SWITCHBOARD	4# DIESEL GENERATOR CONNECTION	
		PROC.	HXM	HULL NO: JLZ030507		PANEL 7	PB651A-000STR	SH. 57
		CHECK	XIA YU MEI	ORIGIN	REPL. FOR	REPL. WITH		SH. 90
ALTER.	DATE	NAME	STORD					
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						5	6	7
							8	9

CAD	SAT\JL14500\ PB651ASTR
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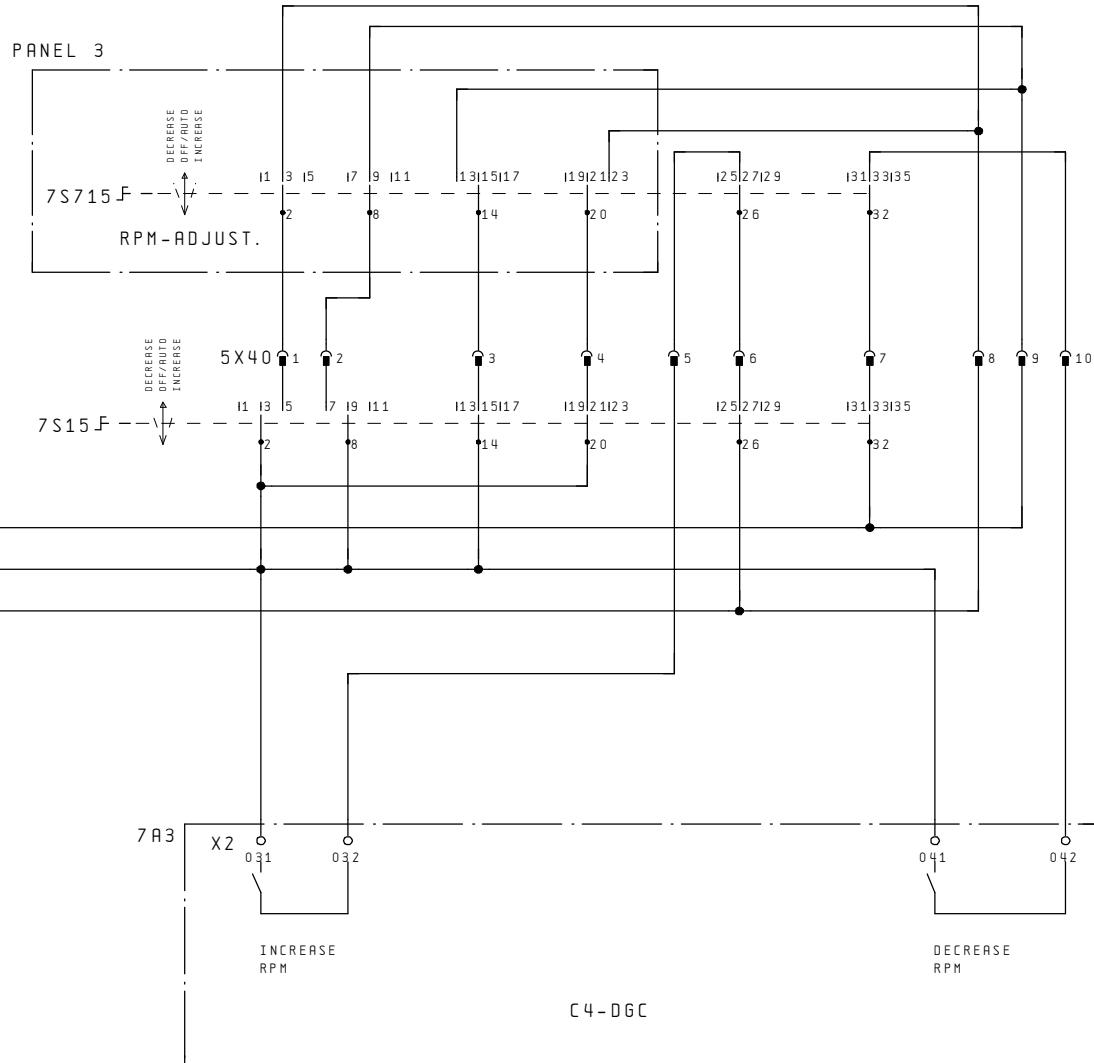
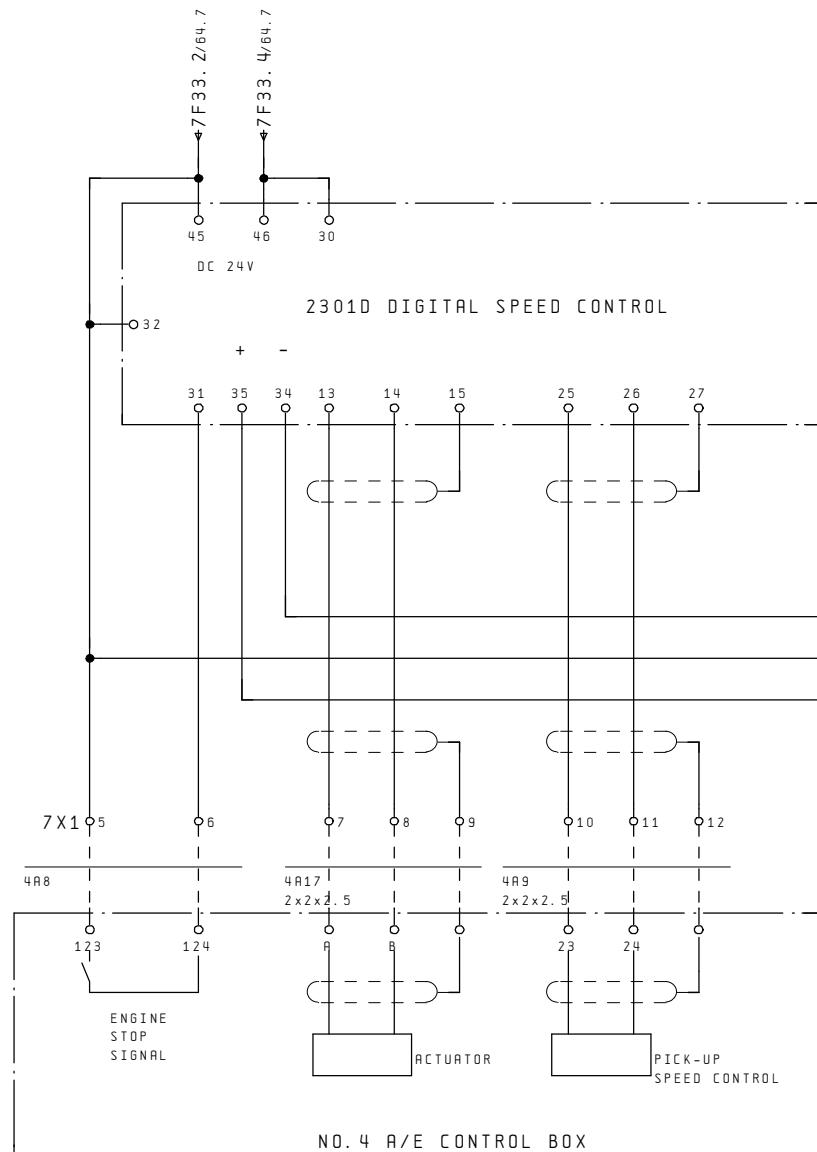
		DATE	2004.10.25	JINLINGSHIPYARD	SAM Taihang Electronics	MAIN SWITCHBOARD	4# DIESEL GEN. CONT. VOLT. C.	B:
		PROC.	HXM	HULL NO: JLZ030507			PANEL 7	PB651A-000STR
		CHECK	XIA YU MEI					SH. 58
ALTER.	DATE	NAME	STORD	ORIGIN	REPL. FOR	REPL. WITH		90 SH.
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						5	6	7
							7	8
								9

CAD	SAT\JL14500\ PB651ASTR
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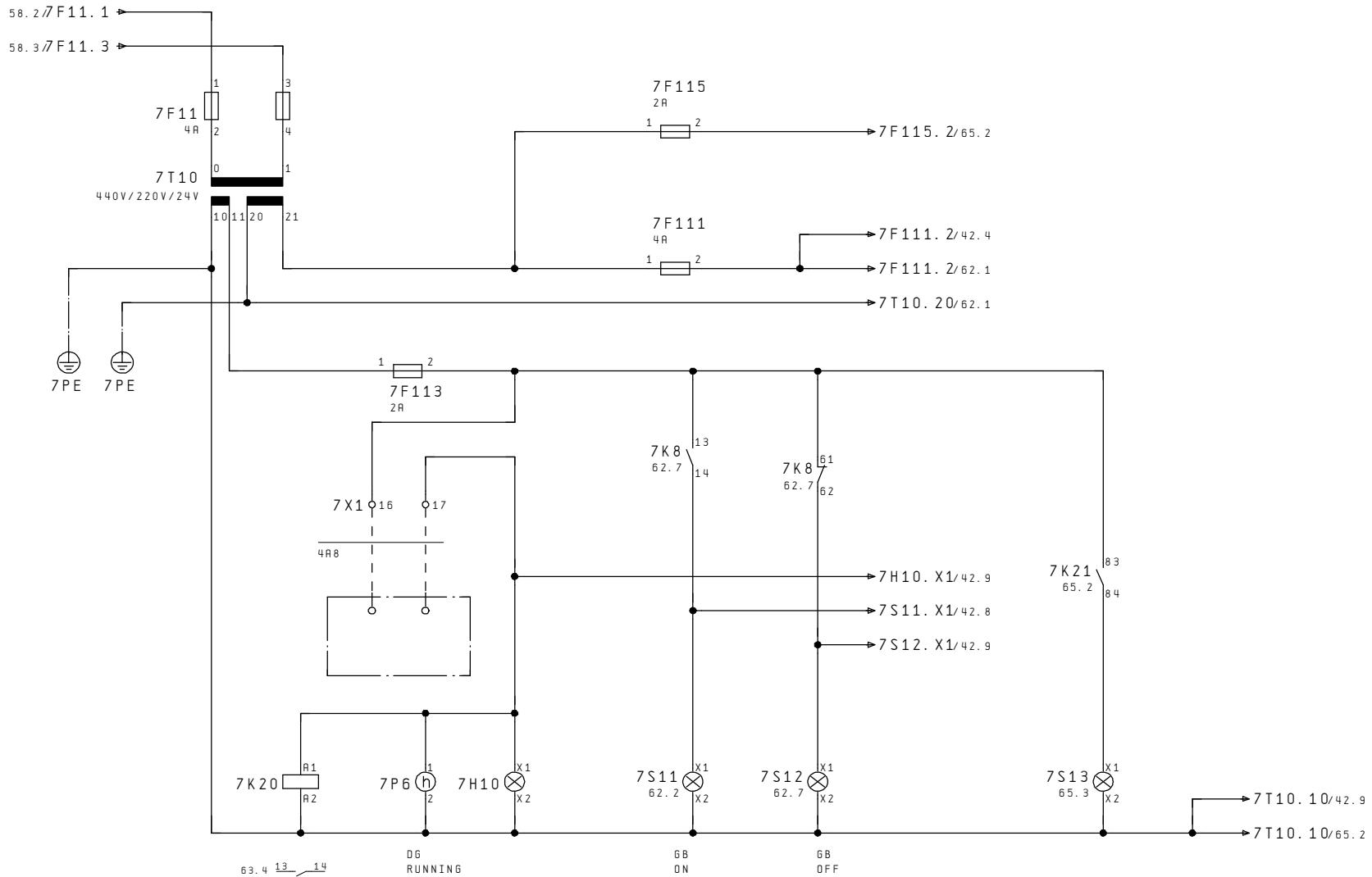
		DATE	2004.10.25	JINLINGSHIPYARD	SAM Taihang Electronics	MAIN SWITCHBOARD	POWER AND CURRENT MEASURING	=
		PROC.	HXM	HULL NO: JLZ030507				*
		CHECK	XIA YU MEI					
ALTER.	DATE	NAME	STORD	ORIGIN	REPL. FOR	REPL. WITH	PANEL 7	PB651A-000STR
				1	2	3	4	SH. 59
						5	6	90 SH.
						7	8	
						9		

SCHUTZMARK nach DIN 34 bearbeitet OBSERVE COPYRIGHT AS PER DIN 34



		DATE	2004.10.25	JINLINGSHIPYARD HULL NO: JLZ030507	SAM Taihang Electronics	MAIN SWITCHBOARD	DIESEL GEN. 4 GOVERNOR	=			
	2005.09.12	XYM	PRDC.	HXM				+			
		CHECK	XIA YU MEI				PANEL 7	PB651A-000STR	SH. 60		
ALTER.	DATE	NAME	STRD	ORIGIN	REPL. FOR	REPL. WITH			90 SH.		
		1		2	3	4	5	6	7	8	9

CAD	SAT\JL14500\	1	2	3	4	5	6	7	8	9
	PB651ASTR									



Schutzvermerk nach DIN 34 beachten OBSERVE COPYRIGHT AS PER DIN 34

OBSERVE COPYRIGHT AS PER DIN 34

9

SAT\JL14500\
PB651ASTR

This electrical control circuit diagram, labeled F111.2, is designed for a power distribution unit (PDU) and follows DIN 34 standards. The circuit includes the following key components and connections:

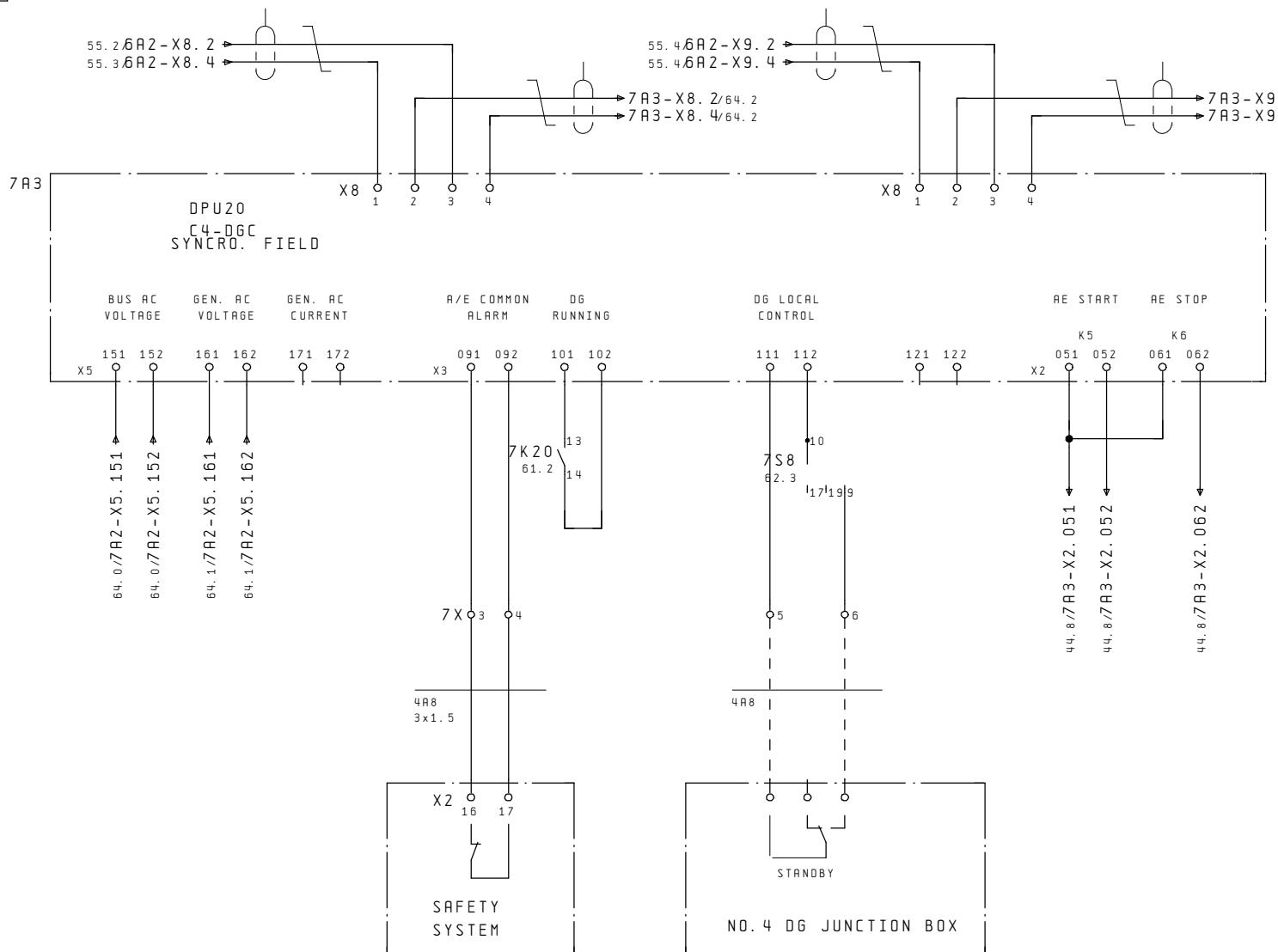
- Power Input:** 220V AC enters through terminal 61.5/7F111.2.
- Control Logic:** A 7S8F relay (1 OFF, 2 Hand, 3 Auto) is connected to terminals 1-11. Its contacts are used to control other relays and logic blocks.
- Relay Contacts:** Various relays like 7K3, 7K4, 7K7, 7R10, 7R21, 7S11E, 7S12E, and 7T10.20 provide switching for different parts of the circuit.
- DC Power Sources:** 24V DC is provided by 7A3 (64.5) and 7A10 (65.1). 12V DC is provided by 7R2 (64.1).
- Logic Modules:** DPU20 (C4-DGC) and DPU21 (C3-GP) handle digital logic and communication.
- Protection and Monitoring:** An AIRCIRCUIT BREAKER E2N-20 (S51) is connected across the main supply. A current transformer (CT) with terminals 96, 98, 95, and 38.9 monitors the current. A 7S11 relay (65.2) provides trip and ground fault protection (GB).
- Test and Monitoring:** A TEST ON switch (S75E/1) and a 7S33M/1 relay are used for testing. An UNDER VOLTAGE COIL DELAY MODULE (7D) is connected to terminals 1-21 and 2-22.
- Output Terminals:** The circuit ends at terminals 61.4/7R10.11 and 61.5/7T10.20.

02. Aug. 2005

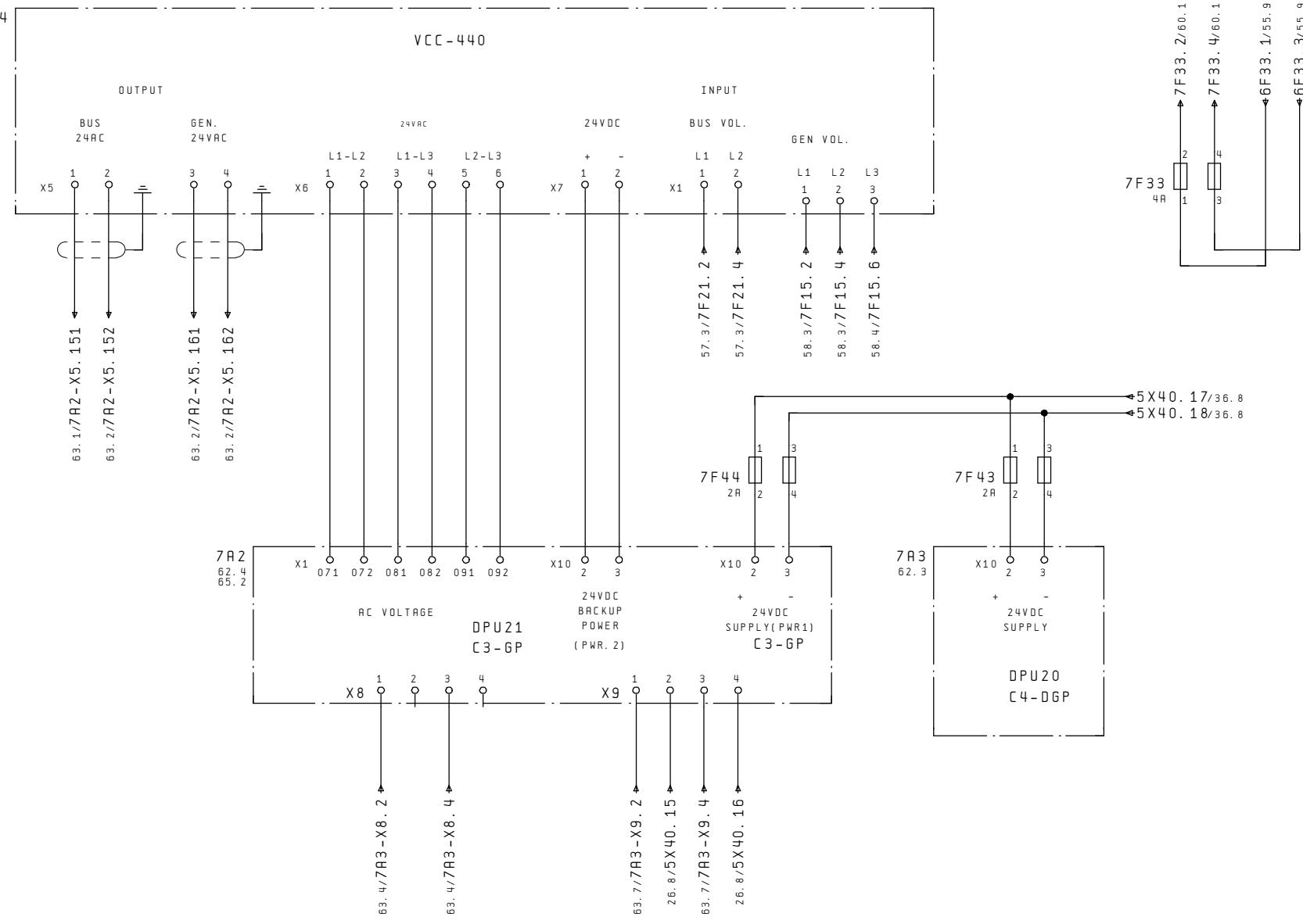
01. Nov. 2005

		DATE	2004.10.25	JINLINGSHIPYARD HULL NO: JLZ030507	SAM Taihang Electronics	MAIN SWITCHBOARD	ACB CONTROL		=		
		PROC.	HXM				+ PANEL 7	PB651A-000STR	SH. 62		
		CHECK	XIA YU MEI						90 SH.		
ALTER.	DATE	NAME	STDRO	ORIGIN	REPL. FOR		REPL. WITH				
		1		2	3	4	5	6	7	8	9

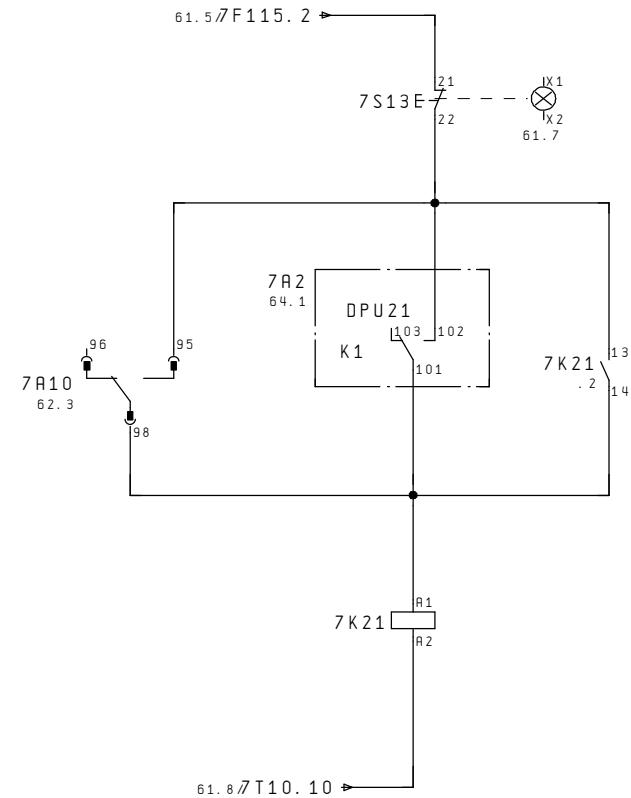
CAD	SAT\JL14500\
	PB651ASTR



		DATE	2004. 10. 25	JINLINGSHIPYARD	SAM Taihang Electronics	MAIN SWITCHBOARD	A/E CONTROL	=
		PROC.	HXM	HULL NO: JLZ030507				*
		CHECK	XIA YU MEI					
ALTER.	DATE	NAME	STORD	ORIGIN	REPL. FOR	REPL. WITH	PANEL 7	PB651A-000STR
				2	3	4	5	6
				7	8	9		



CAD	SAT\JL14500\ PB651ASTR	1	2	3	4	5	6	7	8	9
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.3 13
62.4 53 54
61.7 83 84

		DATE	2004.10.25	JINLINGSHIPYARD	SAM Taihang Electronics	MAIN SWITCHBOARD	GENERATOR PROTECTION	=
		PROC.	HXM	HULL NO: JLZ030507				*
		CHECK	XIA YU MEI					
ALTER.	DATE	NAME	STORD	ORIGIN	REPL. FOR	REPL. WITH	PANEL 7	PB651A-000STR
				1	2	3	4	5 SH. 65
								90 SH.
								9

CAD SAT\JL14500\PB651ASTR

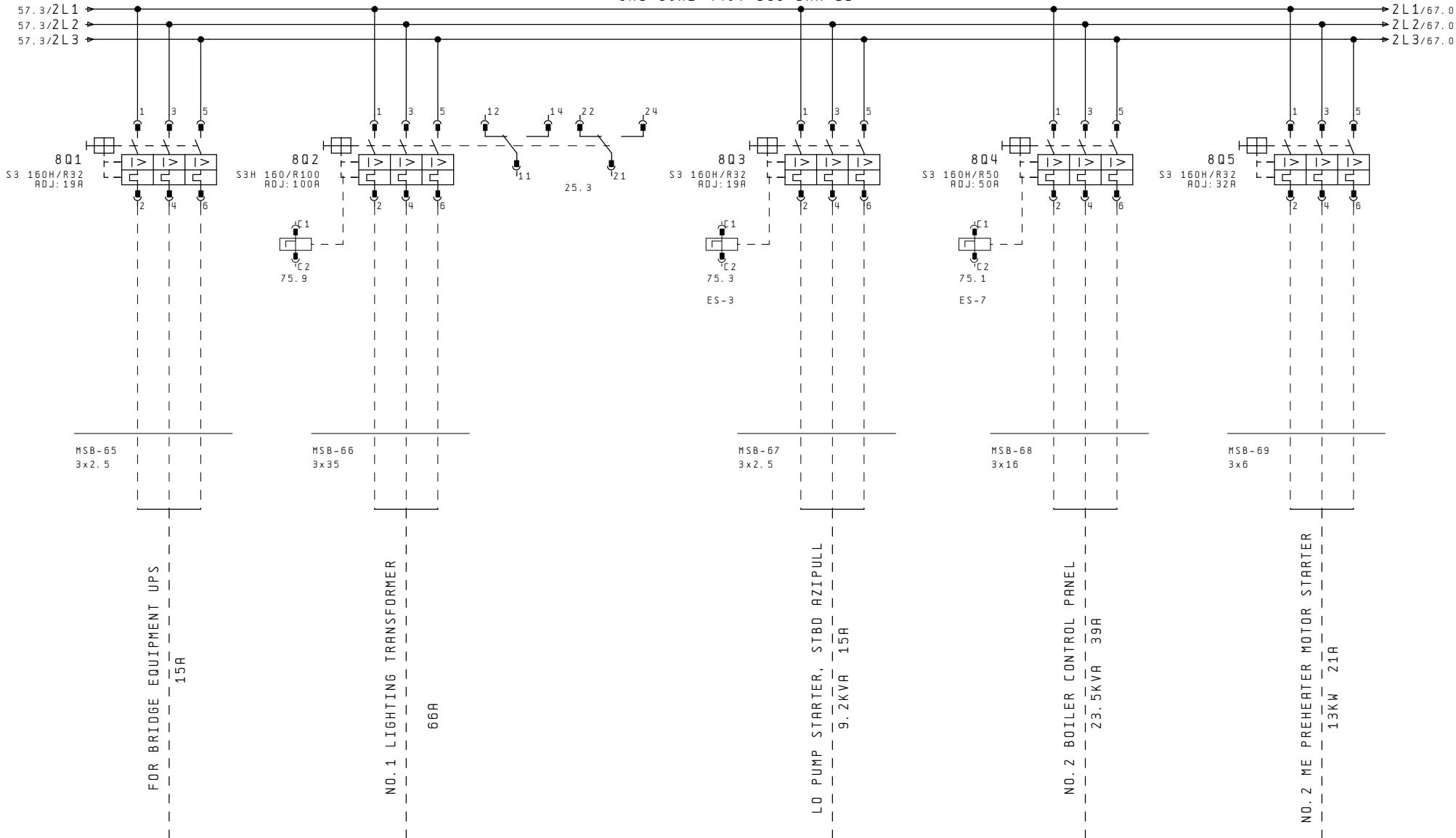
FOR BRIDGE EQUIPMENT UPS

15A

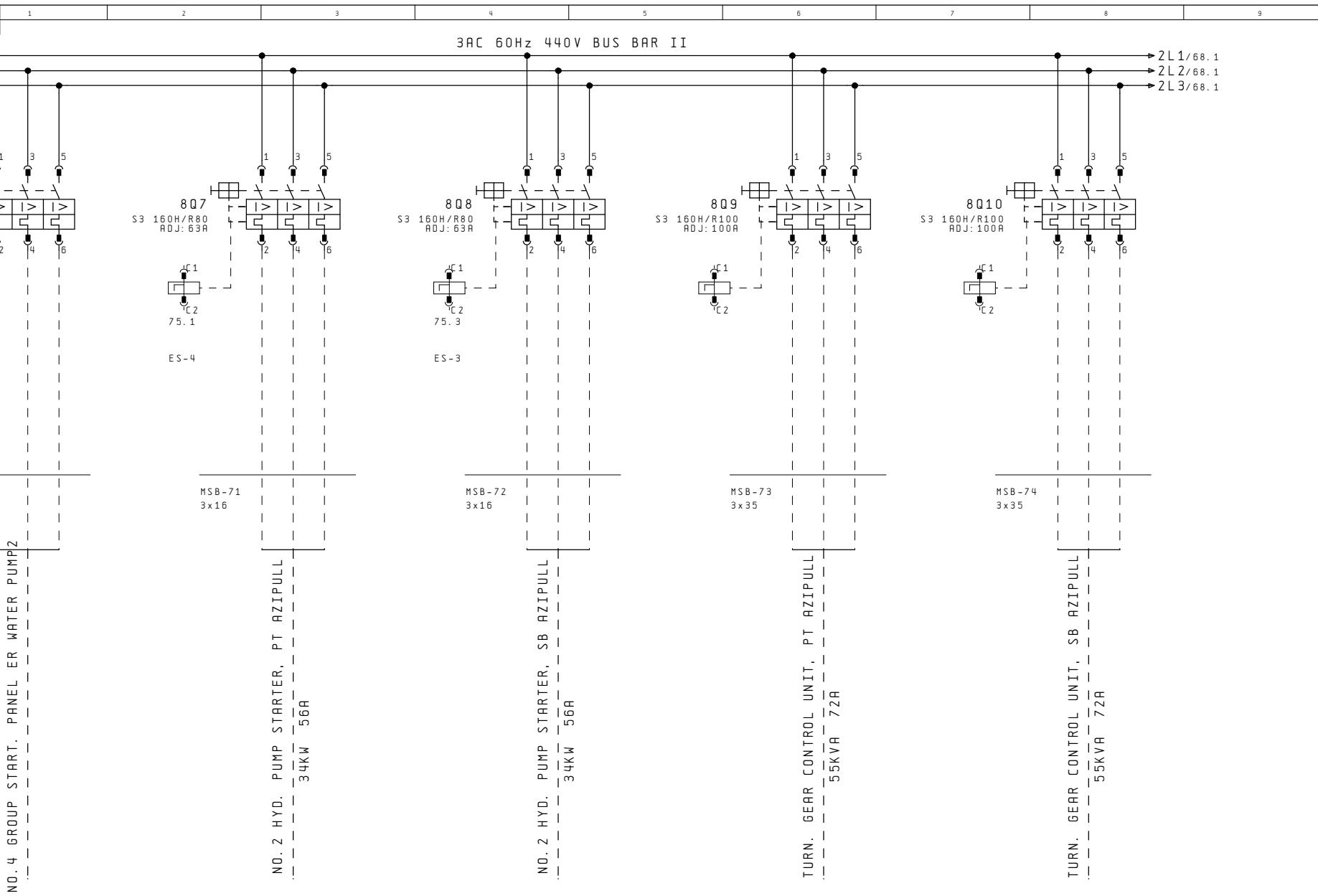
NO. 1 LIGHTING TRANSFORMER

66A

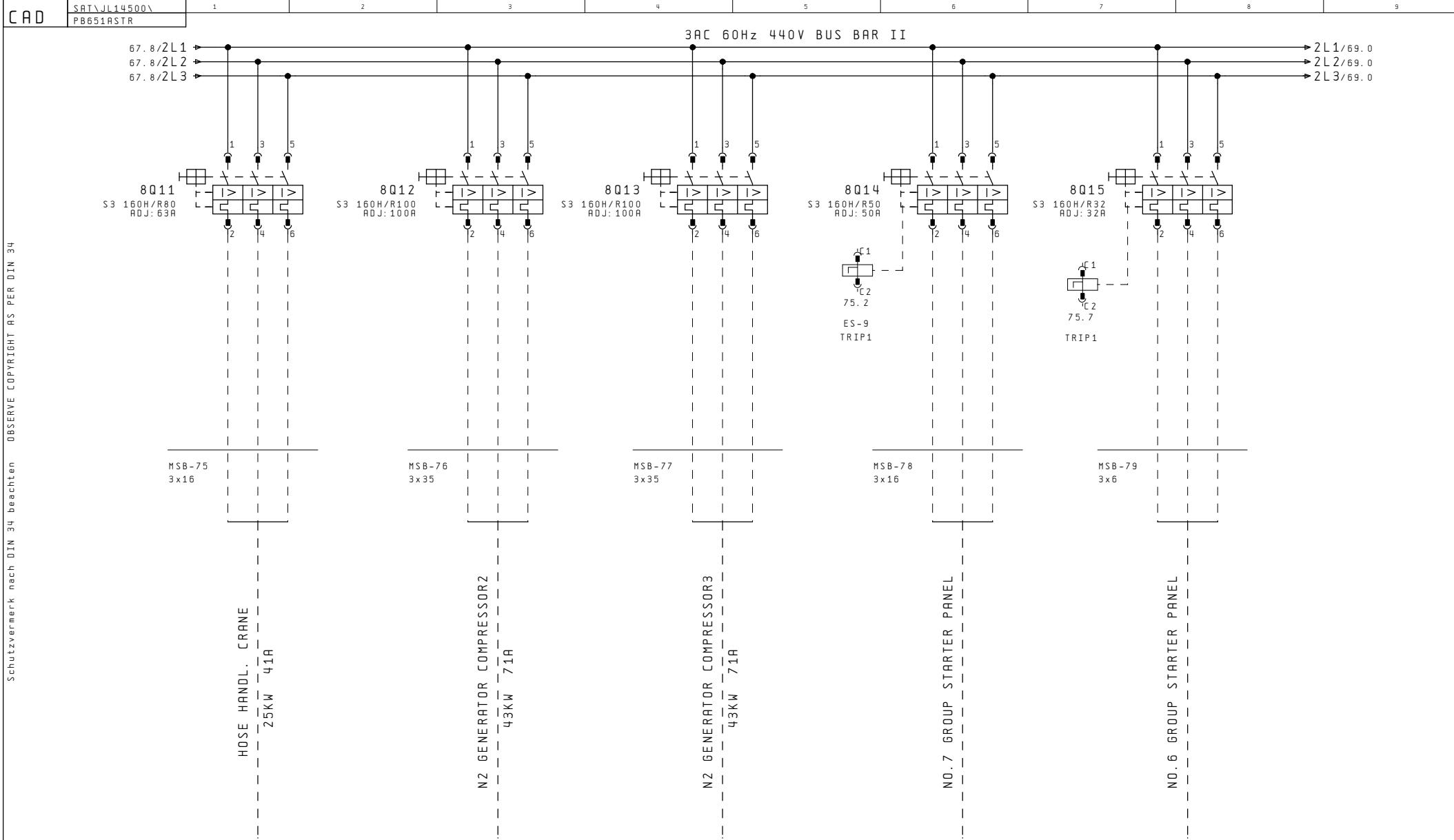
3AC 60Hz 440V BUS BAR II



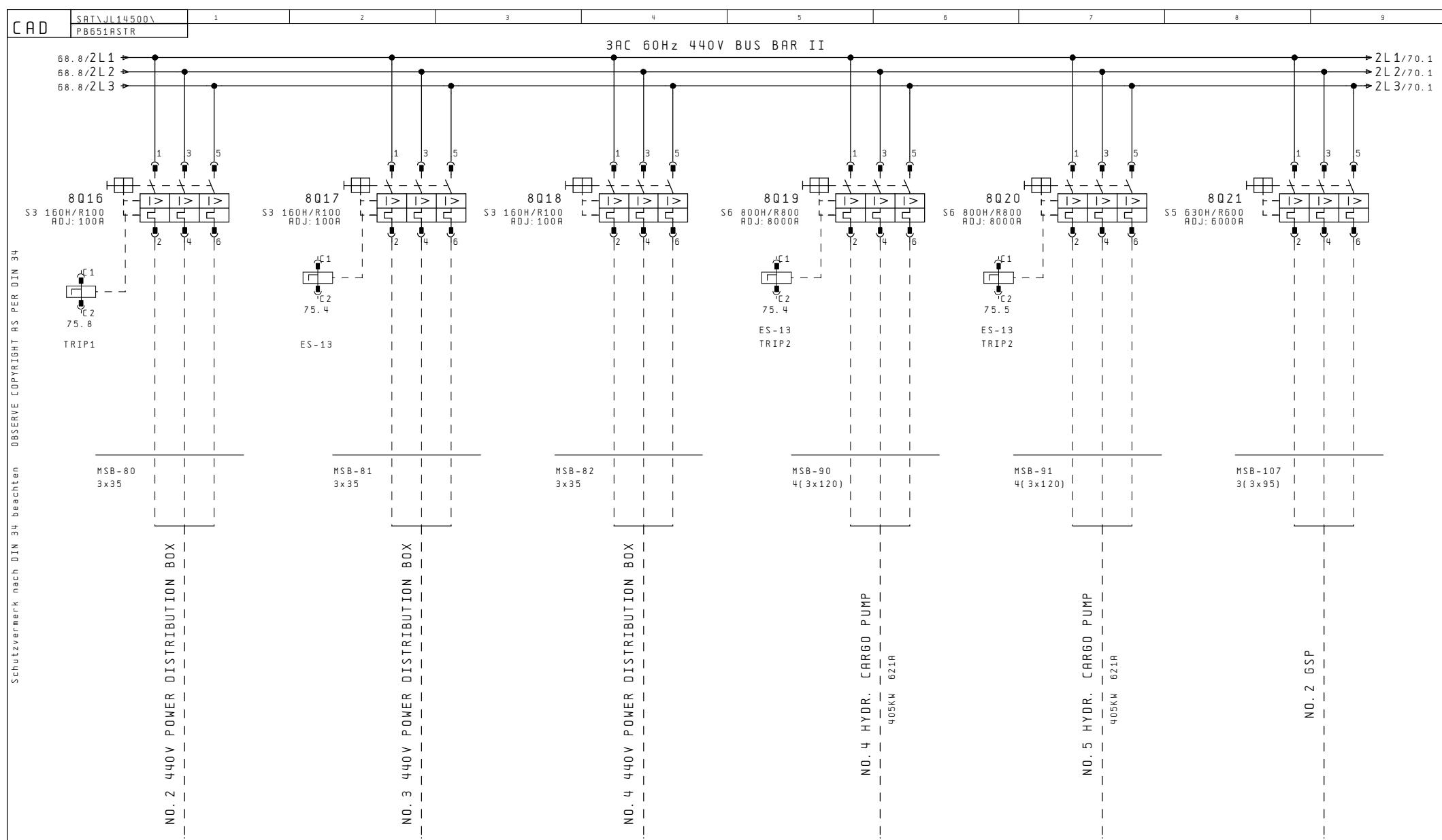
		DATE	2004.10.25	JINLINGSHIPYARD	SAM Taihang Electronics	MAIN SWITCHBOARD	CONSUMER 801-805	=
2005.06.16	XYM	PROC.	HXM	HULL NO: JLZ030507			PANEL 8	*
		CHECK	XIA YU MEI				PB651A-000STR	SH. 66
ALTER.	DATE	NAME	STORD	ORIGIN	REPL. FOR	REPL. WITH		90 SH.

CAD SAT\JL14500\
PB651ASTR

		DATE	2004.10.25	JINLINGSHIPYARD	SAM Taihang Electronics	MAIN SWITCHBOARD	CONSUMER 8Q6-8Q10	=
		PROC.	HXM	HULL NO: JLZ030507				*
		CHECK	XIA YU MEI					
ALTER.	DATE	NAME	STORD	ORIGIN	REPL. FOR	REPL. WITH	PANEL 8	PB651A-000STR
				1	2	3	4	5
						6	7	8
							9	
								SH. 67
								90 SH.



		DATE	2004.10.25	JINLINGSHIPYARD	SAM Taihang Electronics	MAIN SWITCHBOARD	CONSUMER 8011-8015	=
		PROC.	HXM	HULL NO: JLZ030507				*
		CHECK	XIA YU MEI					
ALTER.	DATE	NAME	STORD	ORIGIN	REPL. FOR	REPL. WITH	PANEL 8	PB651A-000STR
				2	3	4	5	6
				7	8	9		



		DATE	2004.10.25	JINLINGSHIPYARD	SAM Taihang Electronics	MAIN SWITCHBOARD	CONSUMER 8016-8Q21	=
		PROC.	HXM	HULL NO: JLZ030507				*
		CHECK	XIA YU MEI					
ALTER.	DATE	NAME	STORD	ORIGIN	REPL. FOR	REPL. WITH	PANEL 8	PB651A-000STR
							SH. 69	
							90 SH.	

25. Feb. 2005

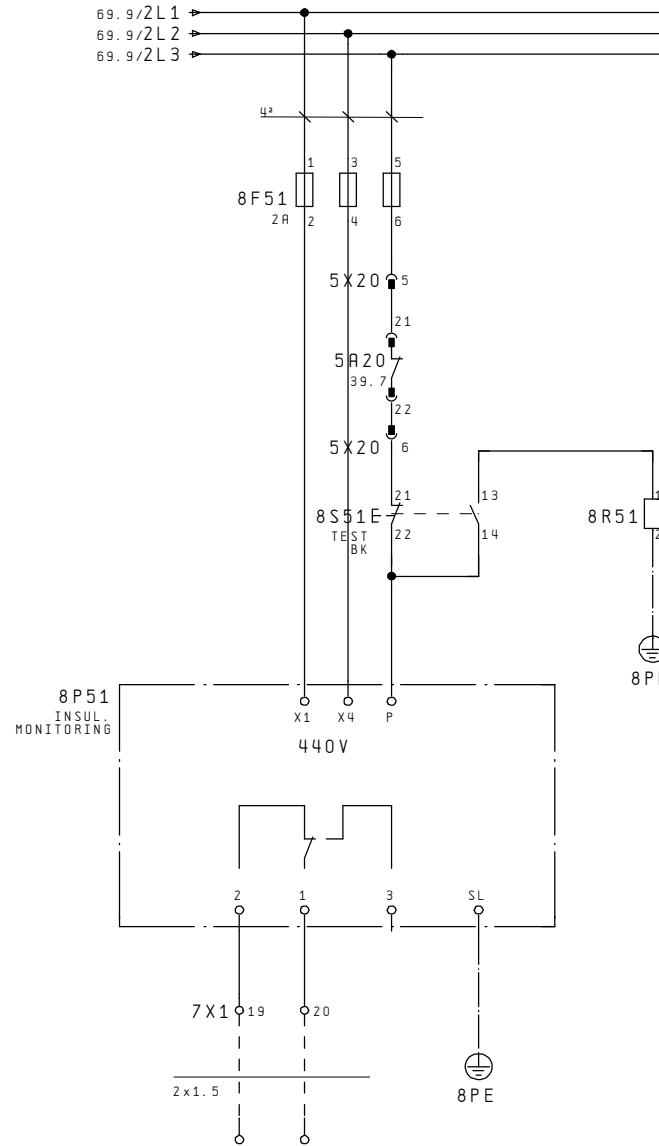
01. Nov. 2005

4500\

500\ 1 2 3 4 5 6 7 8 9

3AC 60Hz 440V BUS BAR II

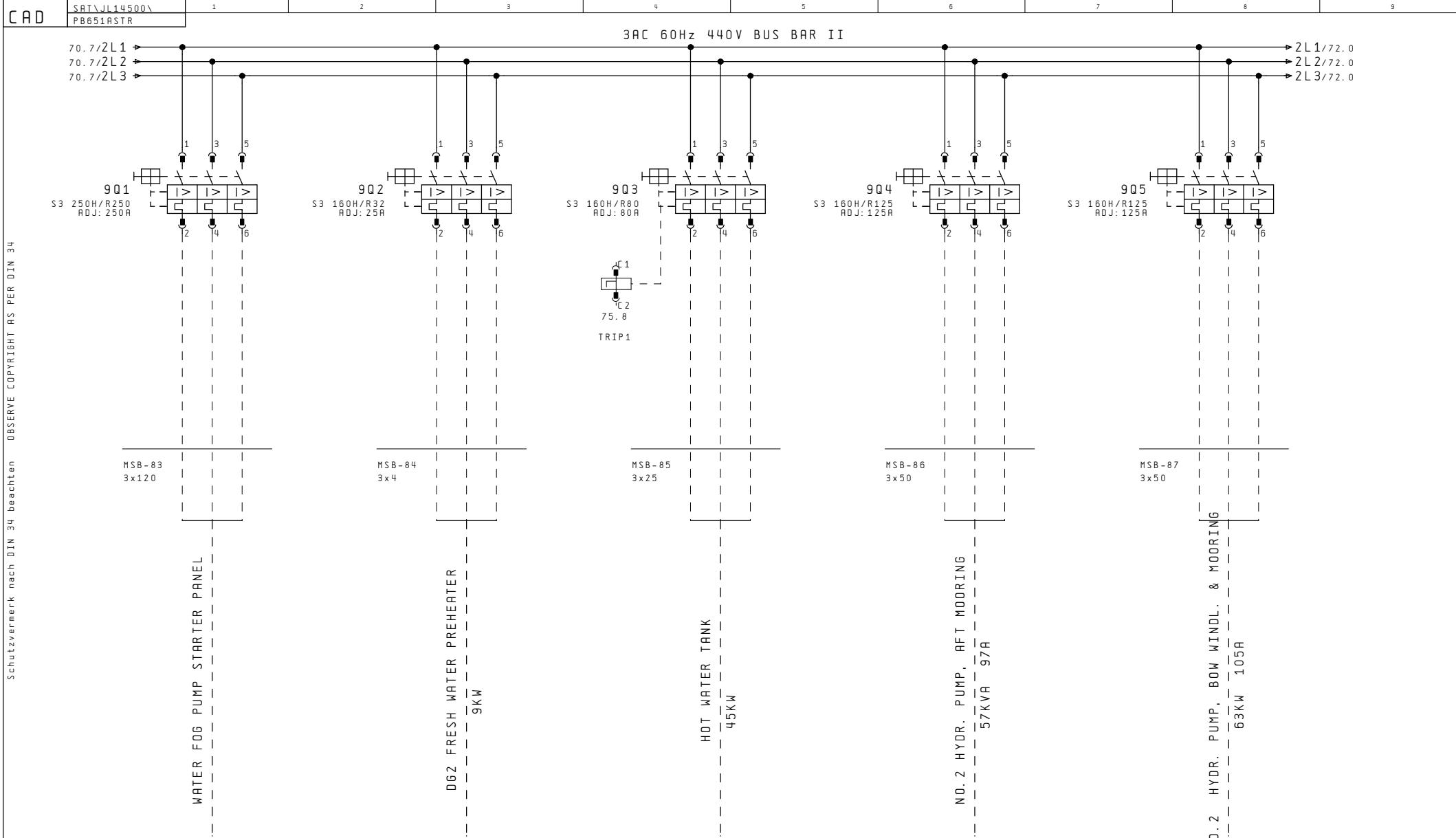
→ 2L 1/71.0
→ 2L 2/71.0
→ 2L 3/71.0



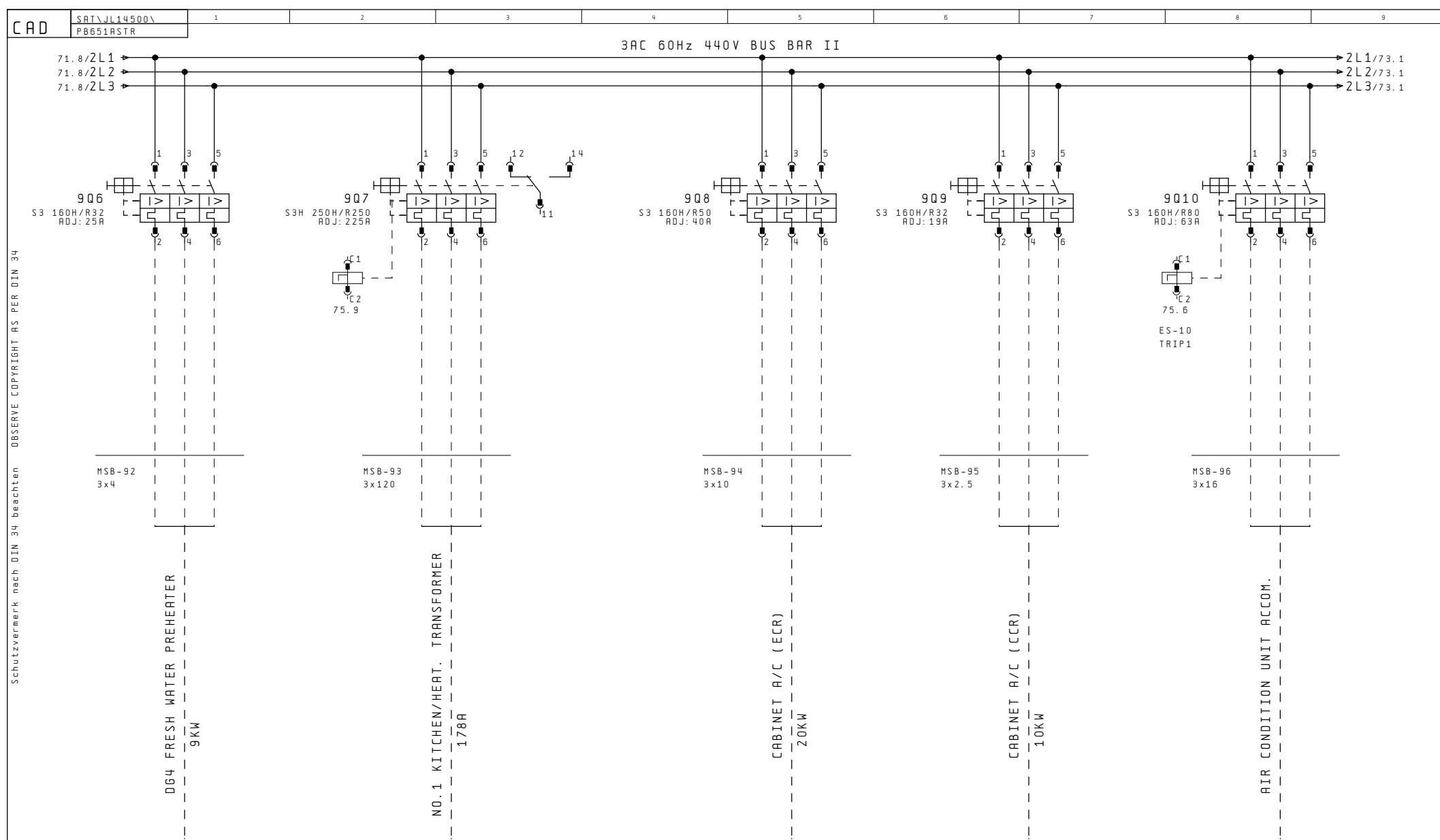
24. Feb. 2005

01. Nov. 2005

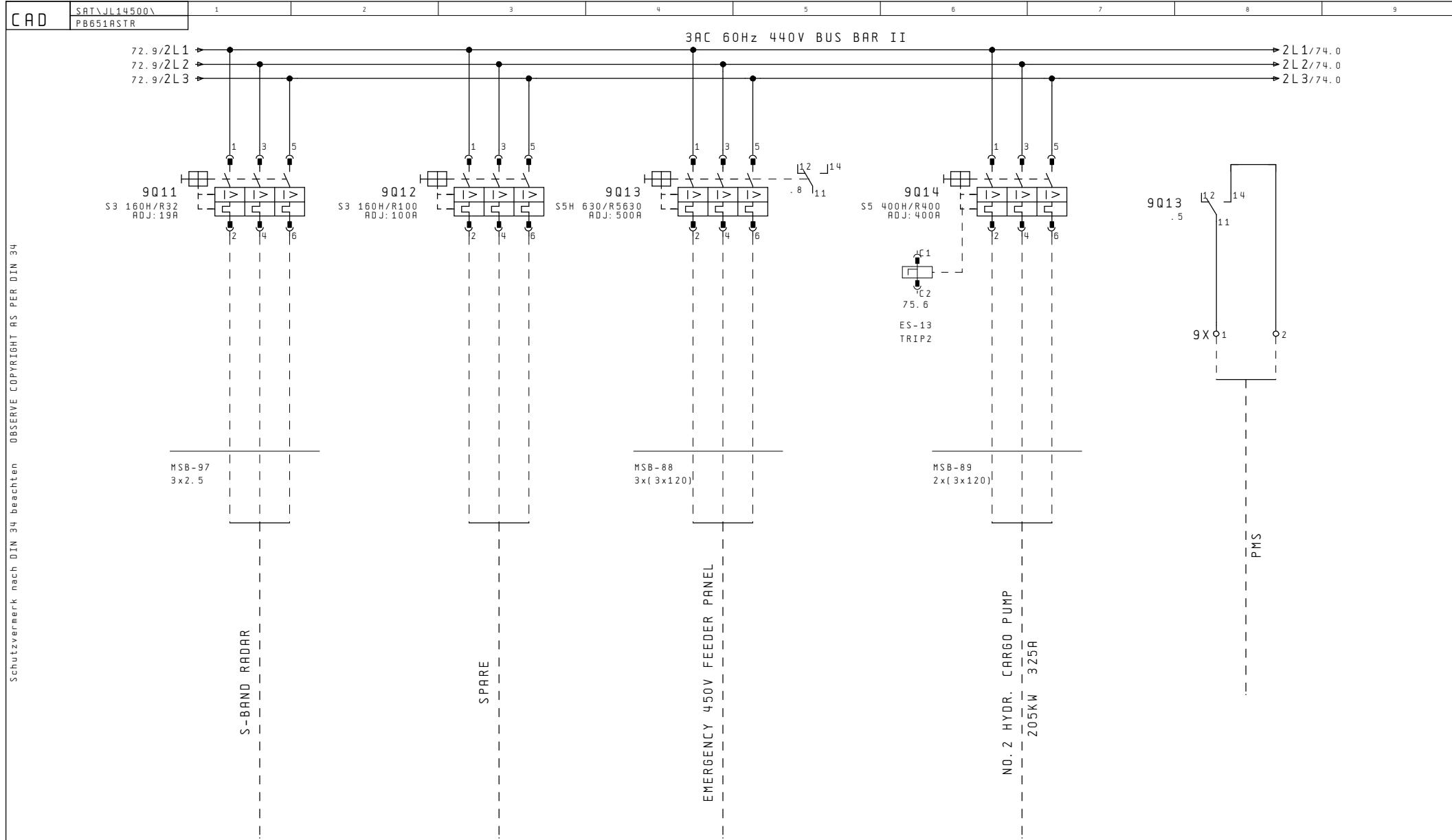
		DATE	2004.10.25	JINLINGSHIPYARD HULL NO: JLZ030507	SAM Taihang Electronics	MAIN SWITCHBOARD	INSULATION MONITORING		=	
		PROC.	HXM	CHECK	XIA YU MEI		PANEL 8	PB651A-000STR		SH. 70
ALTER.	DATE	NAME	STD RD	ORIGIN	REPL. FOR	REPL. WITH				90 SH.
		1	2	3	4	5	6	7	8	9



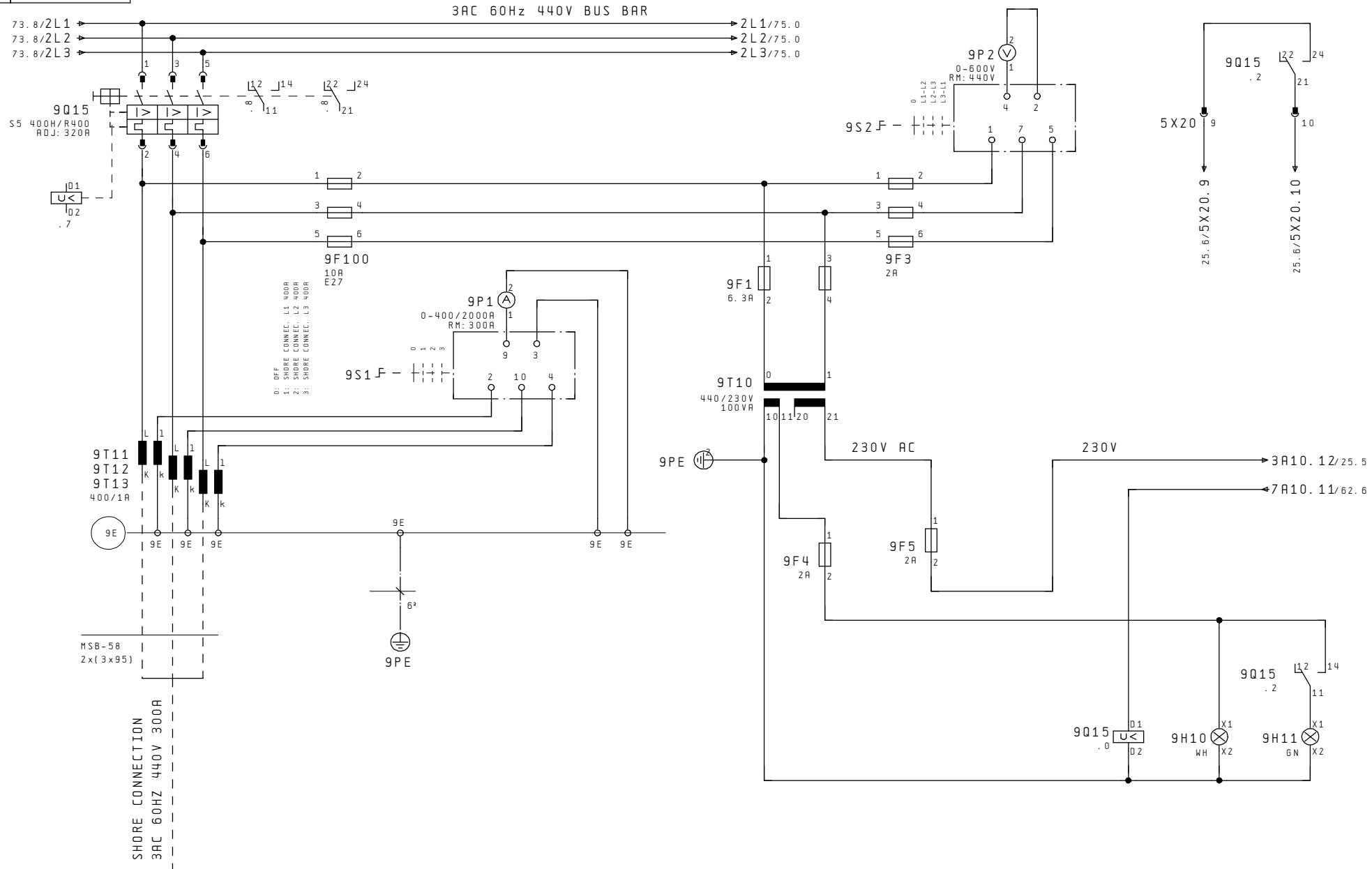
		DATE	2004.10.25	JINLINGSHIPYARD	SAM Taihang Electronics	MAIN SWITCHBOARD	CONSUMER 901-905	*
		PROC.	HXM	HULL NO: JLZ030507				
		CHECK	XIA YU MEI					
ALTER.	DATE	NAME	STORD	ORIGIN	REPL. FOR	REPL. WITH	PANEL 9	PB651A-000STR
				1	2	3	4	5
							6	7
								8
								9



		DATE	2004.10.25	JINLINGSHIPYARD HULL NO: JLZ030507			MAIN SWITCHBOARD			CONSUMER 906-910		
		PROC.	HXM							PANEL 9	PB651A-000STR	
		CHECK	XIA YU MEI	ORIGIN	REPL. FOR	REPL. WITH						
ALTER.	DATE	NAME	STORD									
				1	2	3	4	5	6	7	8	9



		DATE	2004.10.25	JINLINGSHIPYARD	SAM Taihang Electronics	MAIN SWITCHBOARD	CONSUMER 9011-9014	=
2005.09.09	XYM	PROC.	HXM	HULL NO: JLZ030507			PANEL 9	*
		CHECK	XIA YU MEI				PB651A-000STR	SH. 73
ALTER.	DATE	NAME	STORD	ORIGIN	REPL. FOR	REPL. WITH		90 SH.



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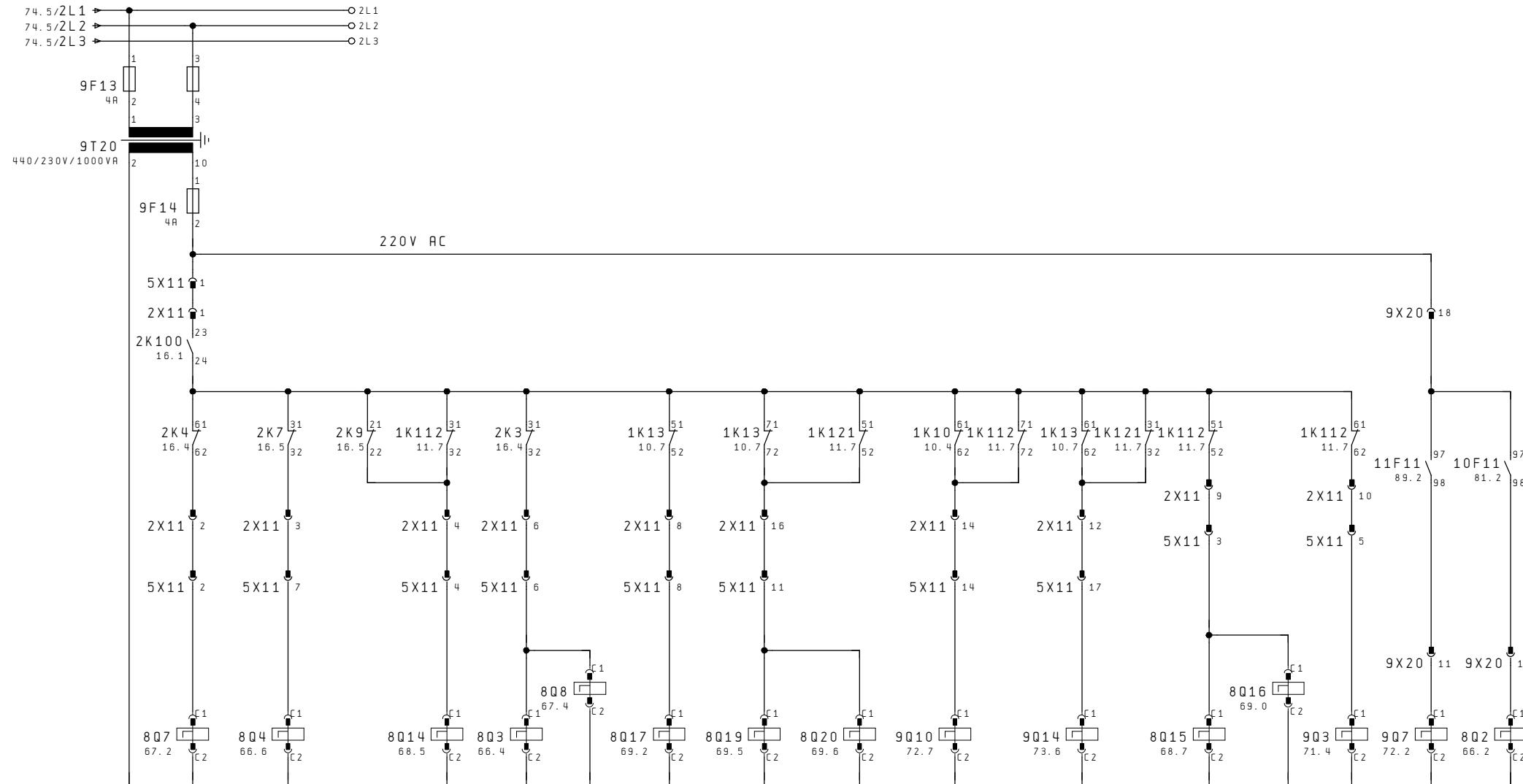
1

SAT\JL14500\
PB651ASTB

2 3 4 5 6 7 8 9

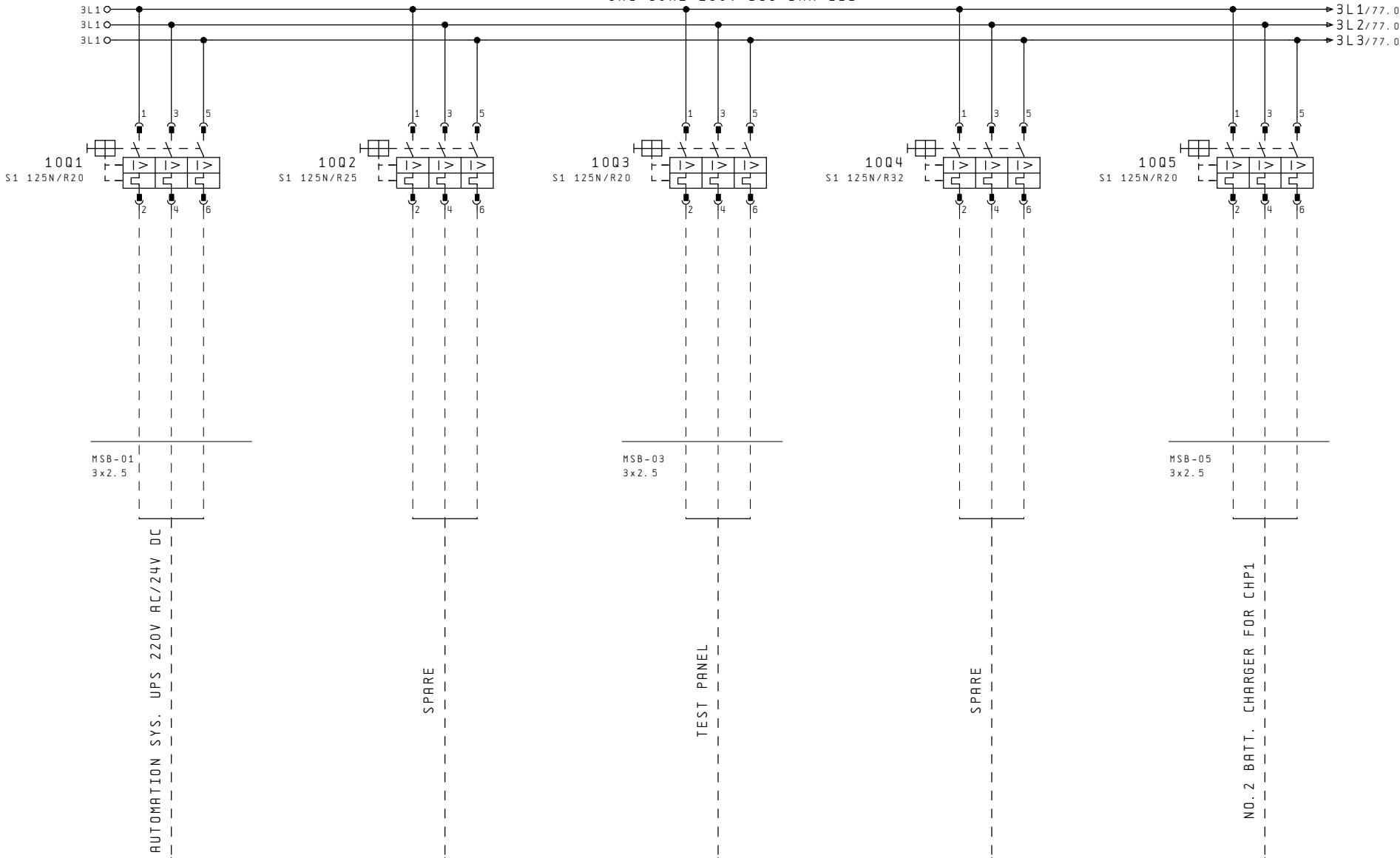
10. Mar. 2005

01. Nov. 2005



		DATE	2004.10.25	JINLINGSHIPYARD HULL NO: JLZ030507	SAM Taihang Electronics 	MAIN SWITCHBOARD	EM'CY STOP CONTROL		=						
		PROC.	HXM				PANEL 9		+ SH. 75						
		CHECK	XIA YU MEI				PB651A-000STR		90 SH.						
ALTER.	DATE	NAME	STRD	ORIGIN	REPL. FOR	REPL. WITH	1	2	3	4	5	6	7	8	9

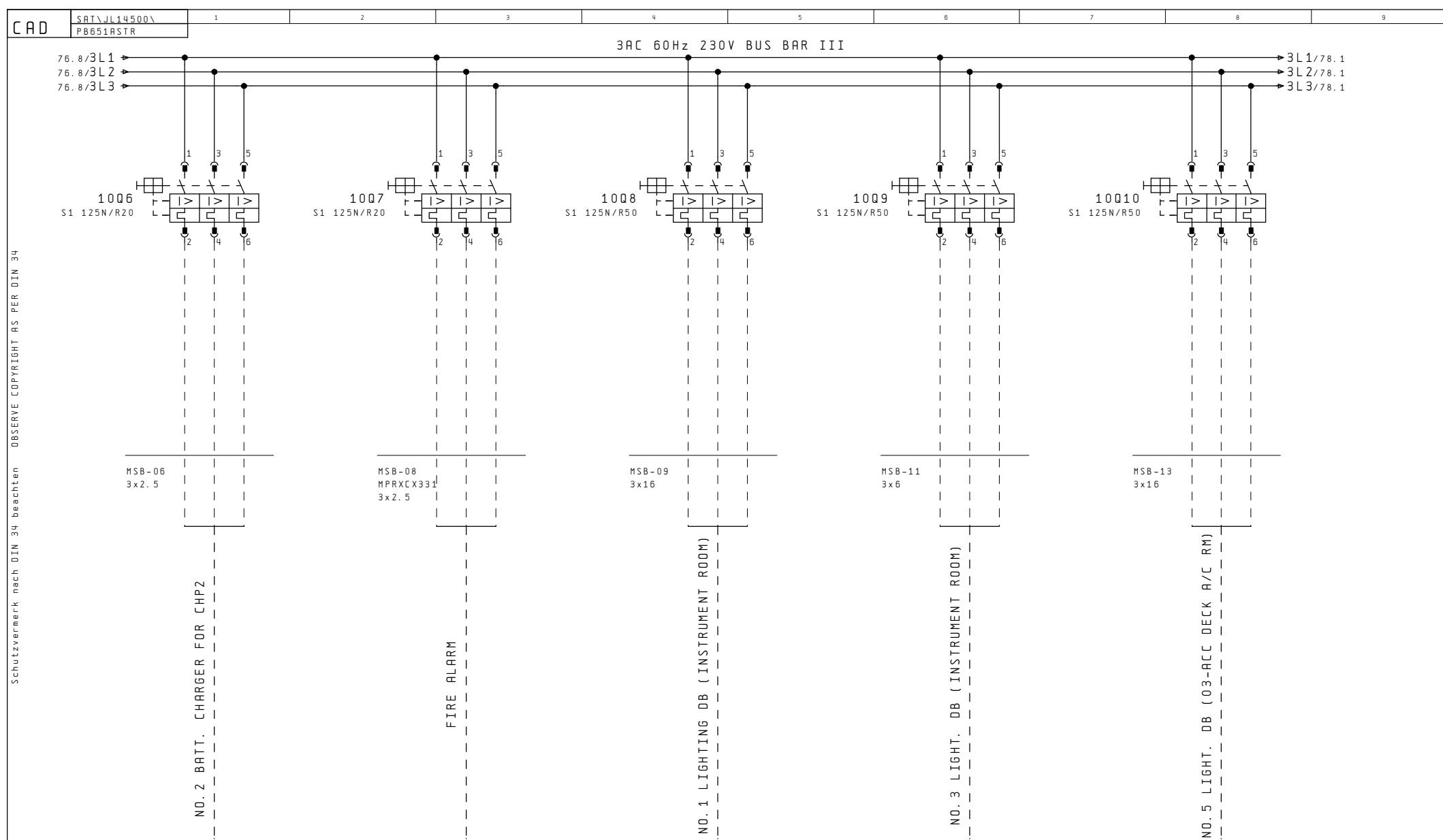
3AC 60Hz 230V BUS BAR III



01. Nov. 2005

25. Feb. 2005

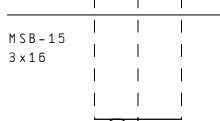
		DATE	2004.10.25	JINLINGSHIPYARD	SAM Taihang Electronics	MAIN SWITCHBOARD	CONSUMER 10Q1-10Q5	=	
		PROC.	HXM	HULL NO: JLZ030507					
		CHECK	XIA YU MEI						
ALTER.	DATE	NAME	STD RD	ORIGIN	REPL. FOR	REPL. WITH	PANEL 10	PB651A-000 STR	SH. 76
		1		2	3	4	5	6	90 SH.



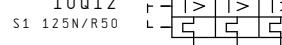
		DATE	2004.10.25	JINLINGSHIPYARD	SAM Taihang Electronics	MAIN SWITCHBOARD	CONSUMER 1006-10Q10	*
		PROC.	HXM	HULL NO: JLZ030507				
		CHECK	XIA YU MEI					
ALTER.	DATE	NAME	STORD	ORIGIN	REPL. FOR	REPL. WITH	PANEL 10	PB651A-000STR
							SH. 77	
							90 SH.	

CAD SAT\JL14500\PB651ASTR

NO. 7 LIGHT. DB (MAIN DECK STORE)

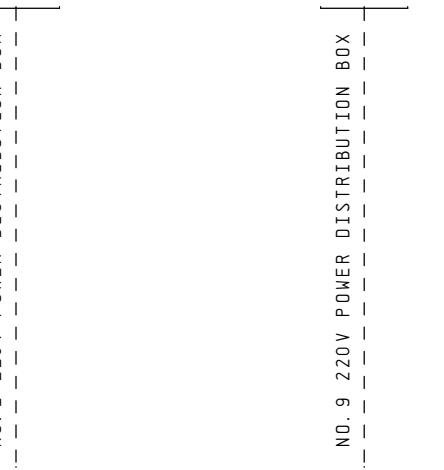


NO. 9 LIGHTING DB (MAIN DECK STORE)

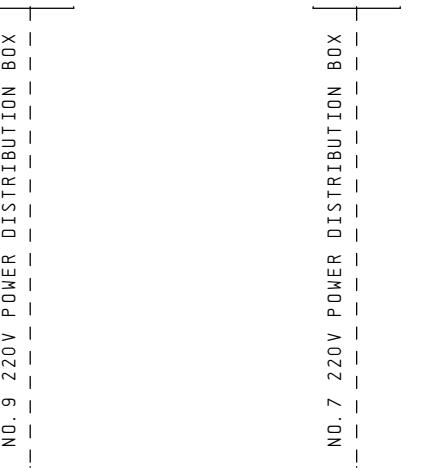


3AC 60Hz 230V BUS BAR III

NO. 1 220V POWER DISTRIBUTION BOX



NO. 9 220V POWER DISTRIBUTION BOX

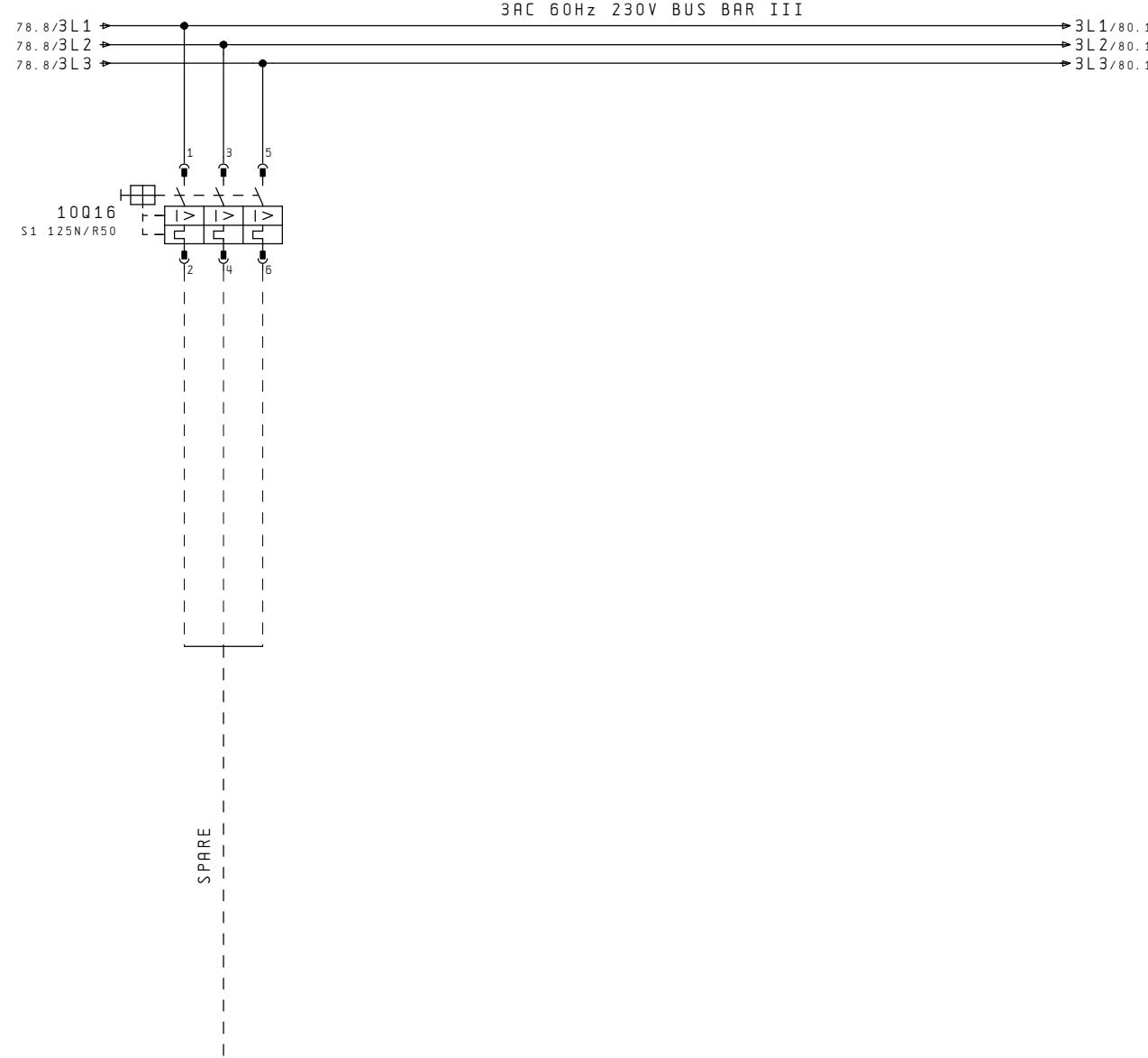


NO. 7 220V POWER DISTRIBUTION BOX

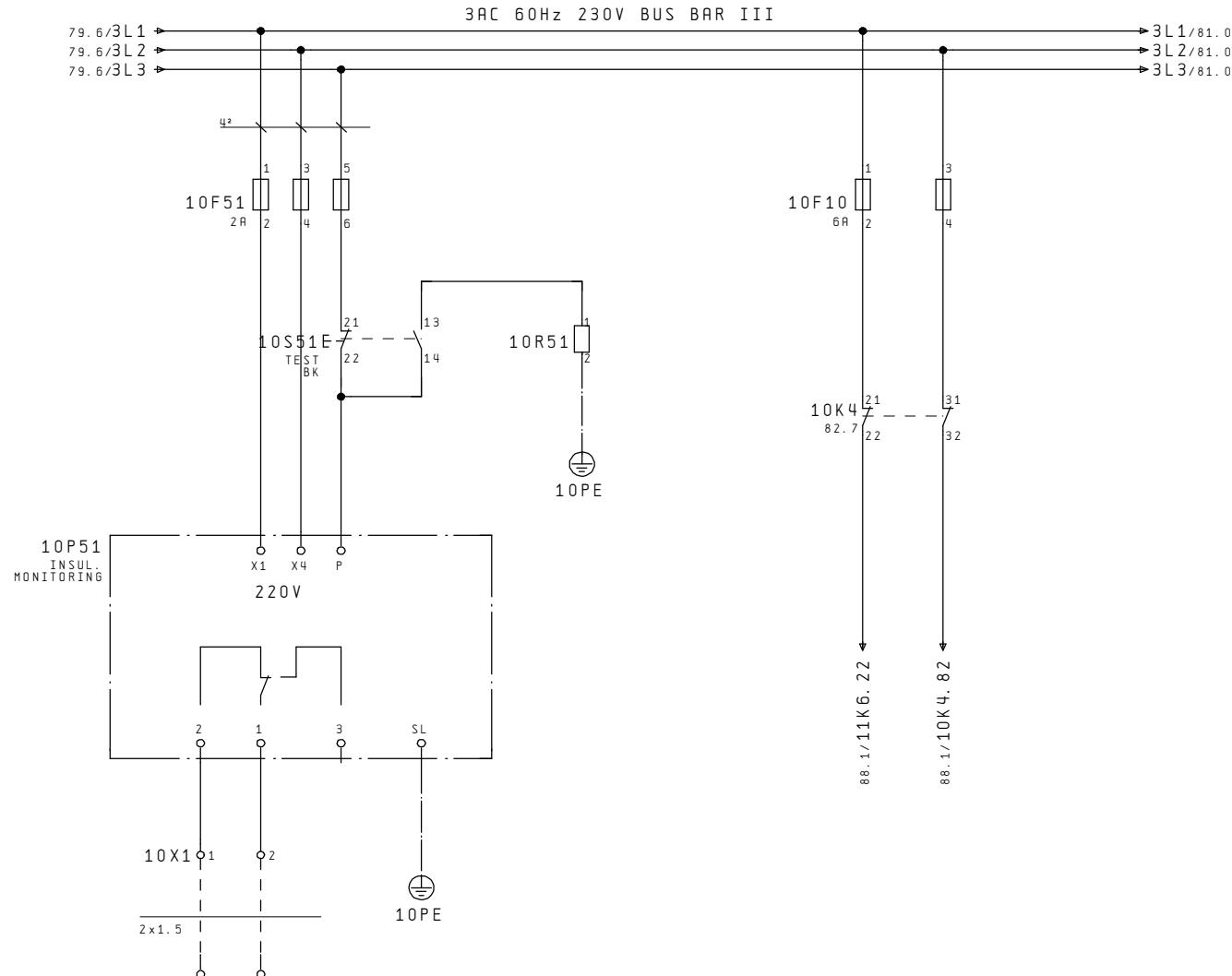


		DATE	2004.10.25	JINLINGSHIPYARD	SAM Taihang Electronics	MAIN SWITCHBOARD	CONSUMER 10011-10015	*
		PROC.	HXM	HULL NO: JLZ030507				
		CHECK	XIA YU MEI					
ALTER.	DATE	NAME	STORD	ORIGIN	REPL. FOR	REPL. WITH	PANEL 10	PB651A-000STR
							SH. 78	
							90 SH.	

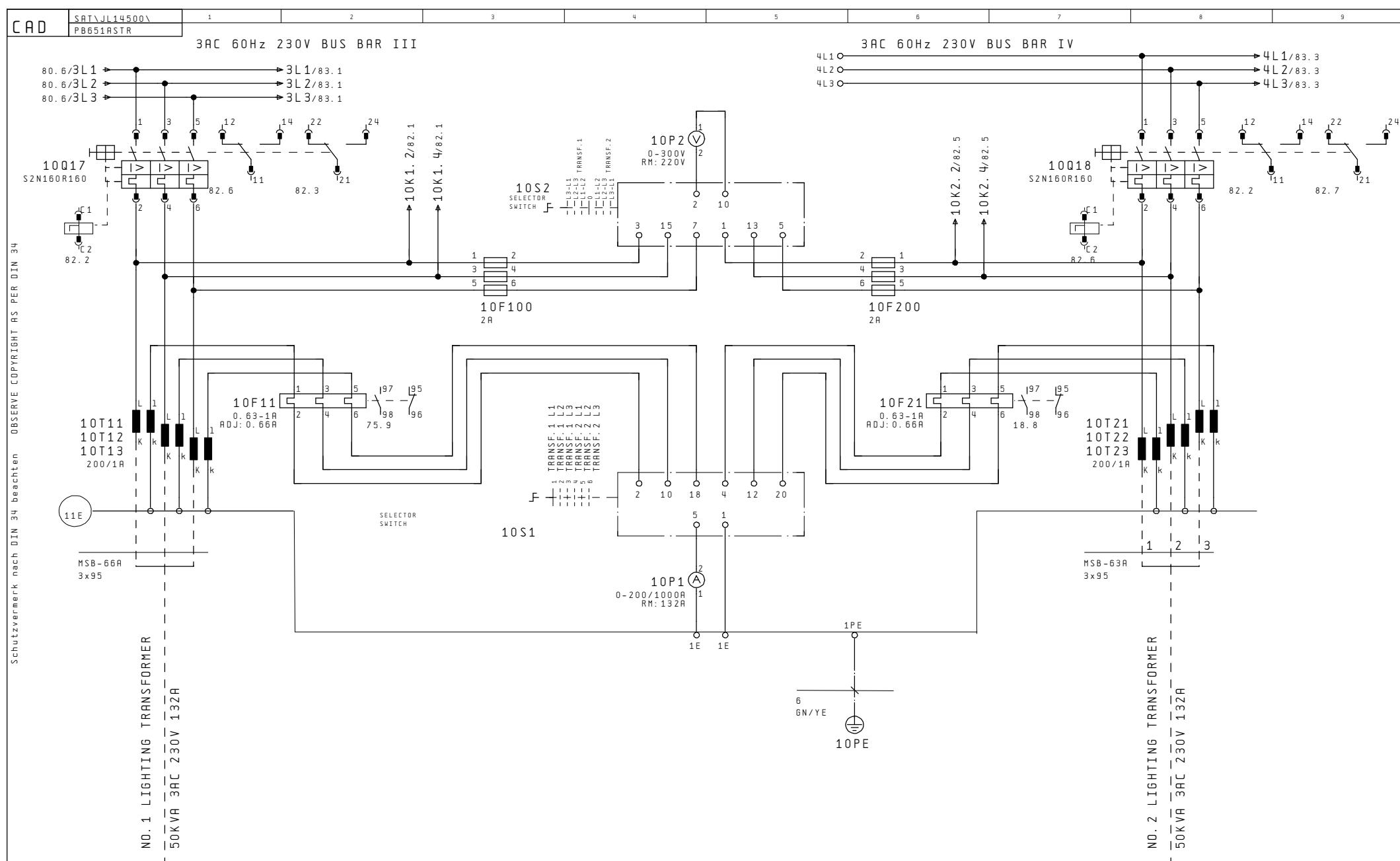
CAD	SAT\JL14500\ PB651ASTR	1	2	3	4	5	6	7	8	9
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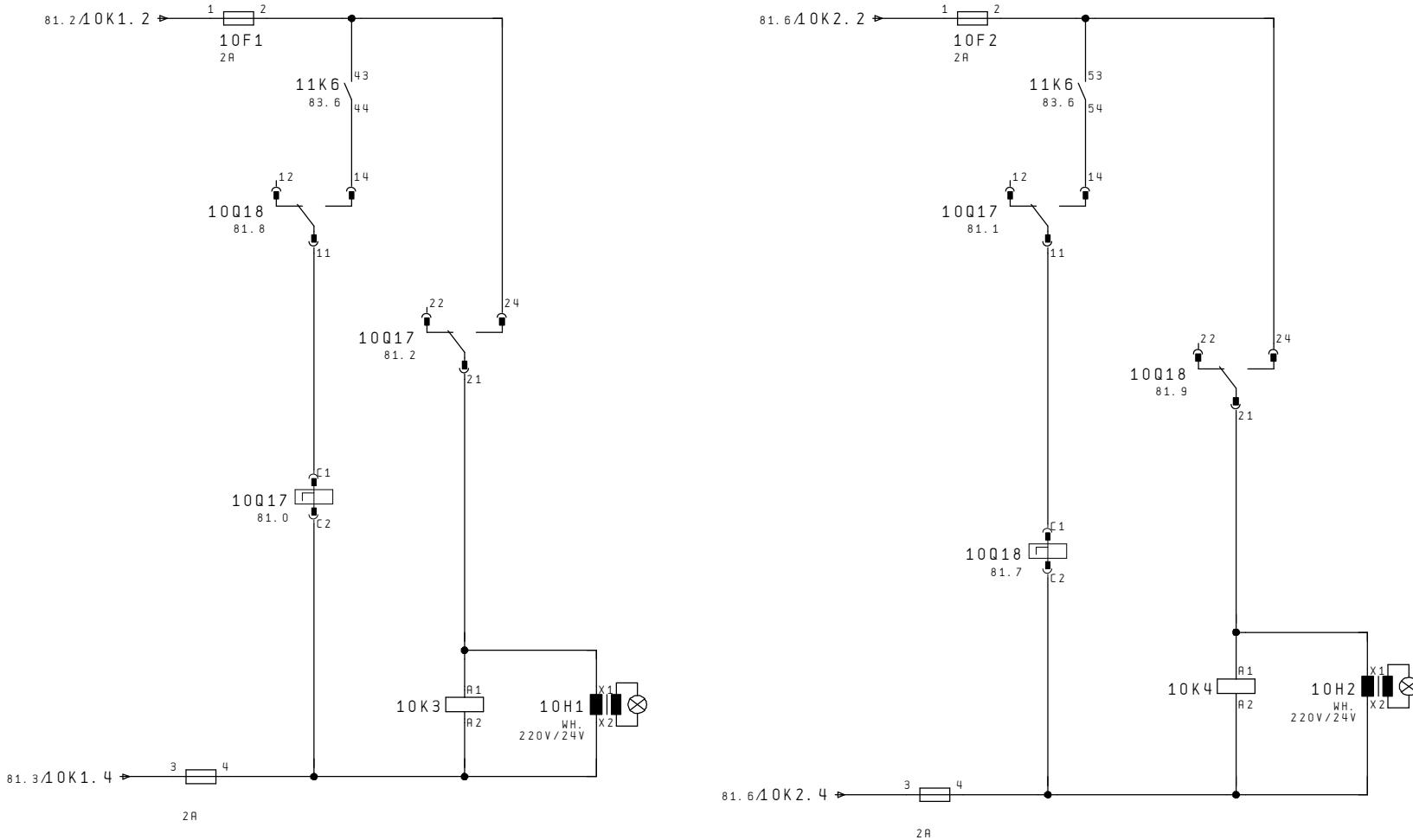
		DATE	2004.10.25	JINLINGSHIPYARD	SAM Taihang Electronics		MAIN SWITCHBOARD	CONSUMER 10016	=
		PROC.	HXM	HULL NO: JLZ030507				PANEL 10	*
		CHECK	XIA YU MEI		ORIGIN	REPL. FOR	REPL. WITH	PB651A-000STR	SH. 79
ALTER.	DATE	NAME	STORD						90 SH.
				1	2	3	4	5	6
				7	8				9



		DATE	2004.10.25	JINLINGSHIPYARD HULL NO: JLZ030507	SAM Taihang Electronics	MAIN SWITCHBOARD	INSULATION MONITORING		=	
		PROC.	HXM						+	
		CHECK	XIA YU MEI				PANEL 10	PB651A-000STR	SH. 80	
ALTER.	DATE	NAME	STD RD	ORIGIN	REPL. FOR	REPL. WITH			90 SH.	
		1	2	3	4	5	6	7	8	9



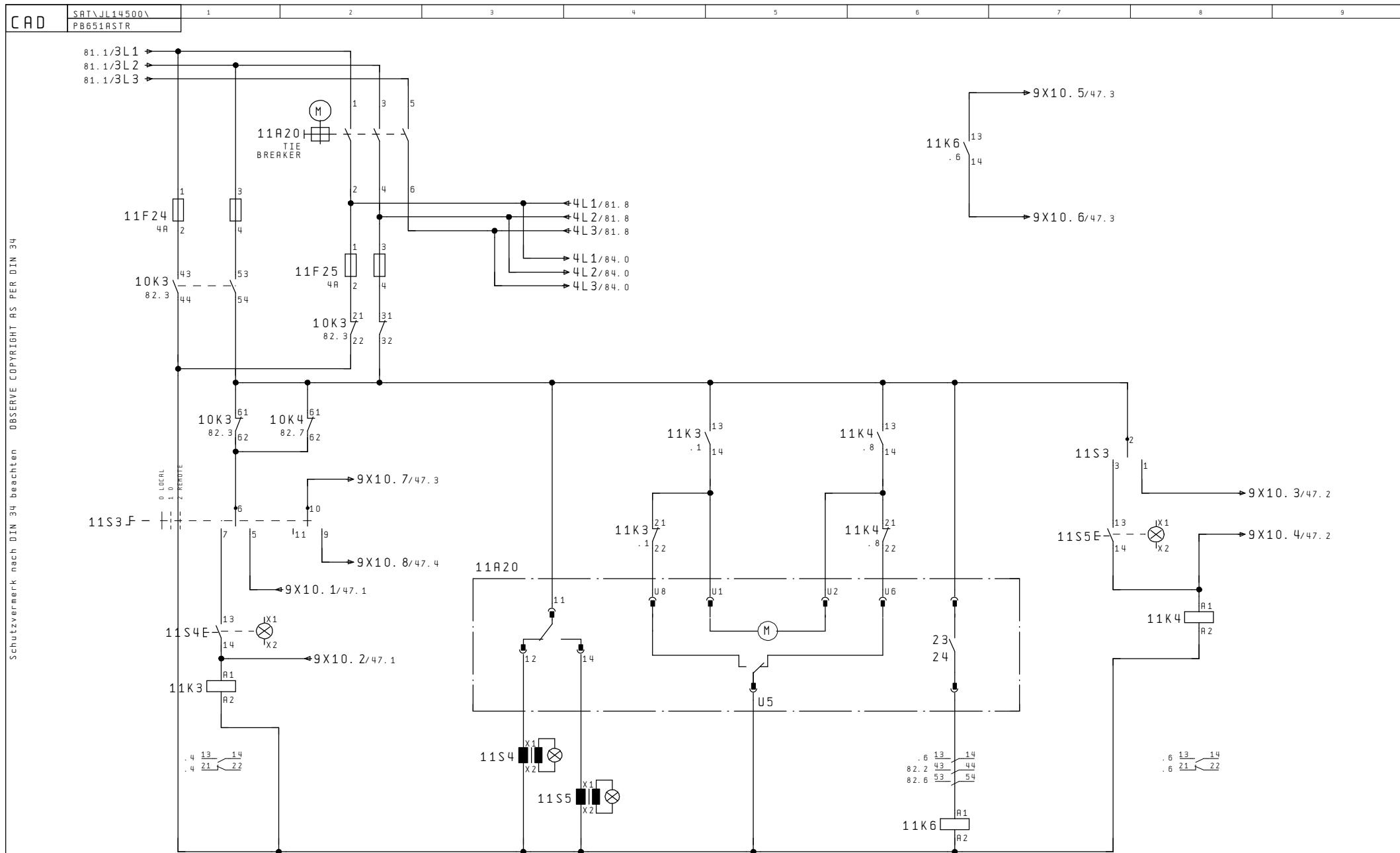
		DATE	2004.10.25	JINLINGSHIPYARD	SAM Taihang Electronics	MAIN SWITCHBOARD	MEASURING (220V PANEL)	=
		PROC.	HXM	HULL NO: JLZ030507				*
		CHECK	XIA YU MEI					
ALTER.	DATE	NAME	STORD	ORIGIN	REPL. FOR	REPL. WITH	PANEL 10	PB651A-000STR SH. 81 90 SH.



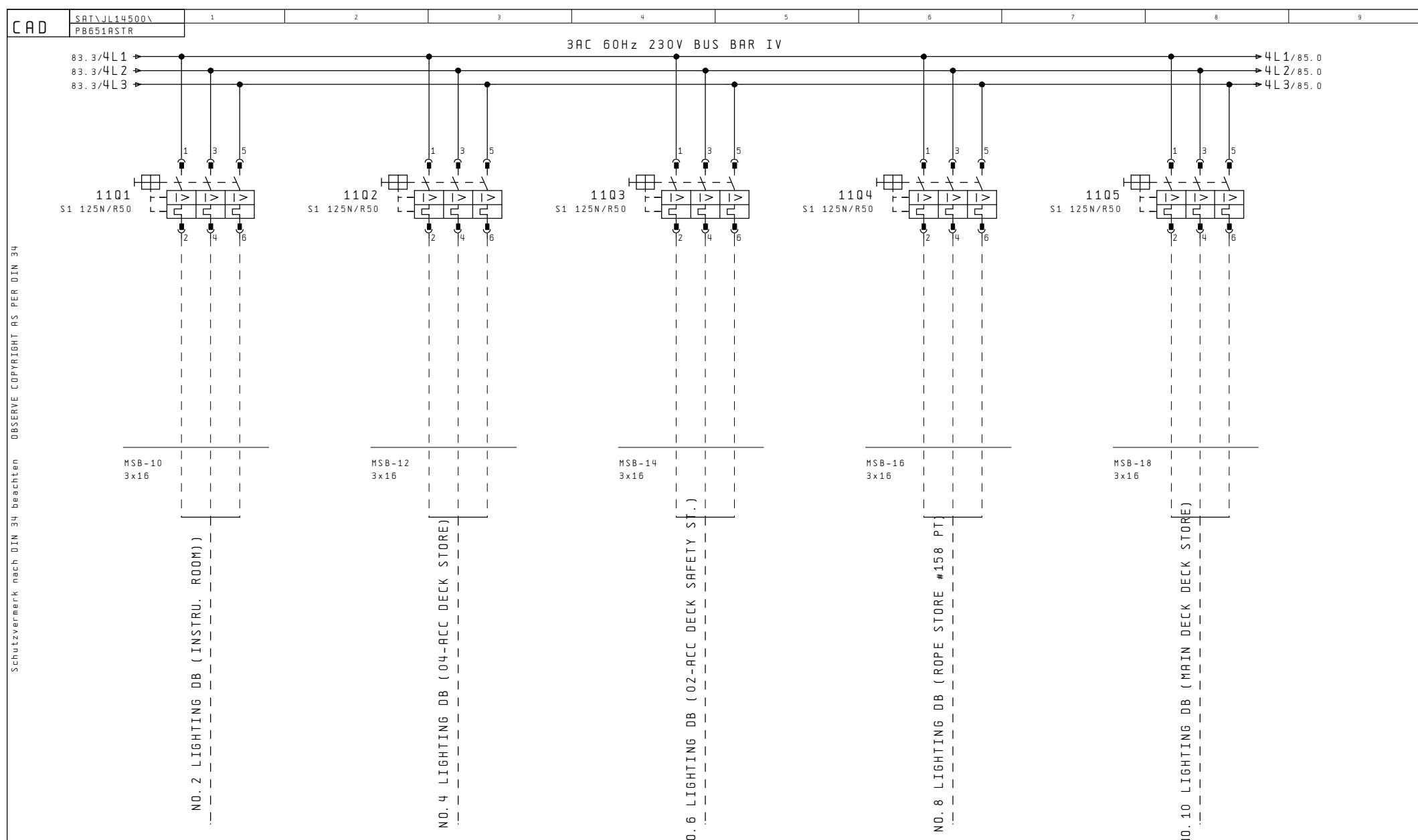
62.3 13 14
83.2 21 22
83.2 31 32
83.1 43 44
83.1 53 54
83.1 61 62

53.3 13 14
80.4 21 22
80.5 31 32
88.1 53 54
83.2 61 62
88.2 83 84

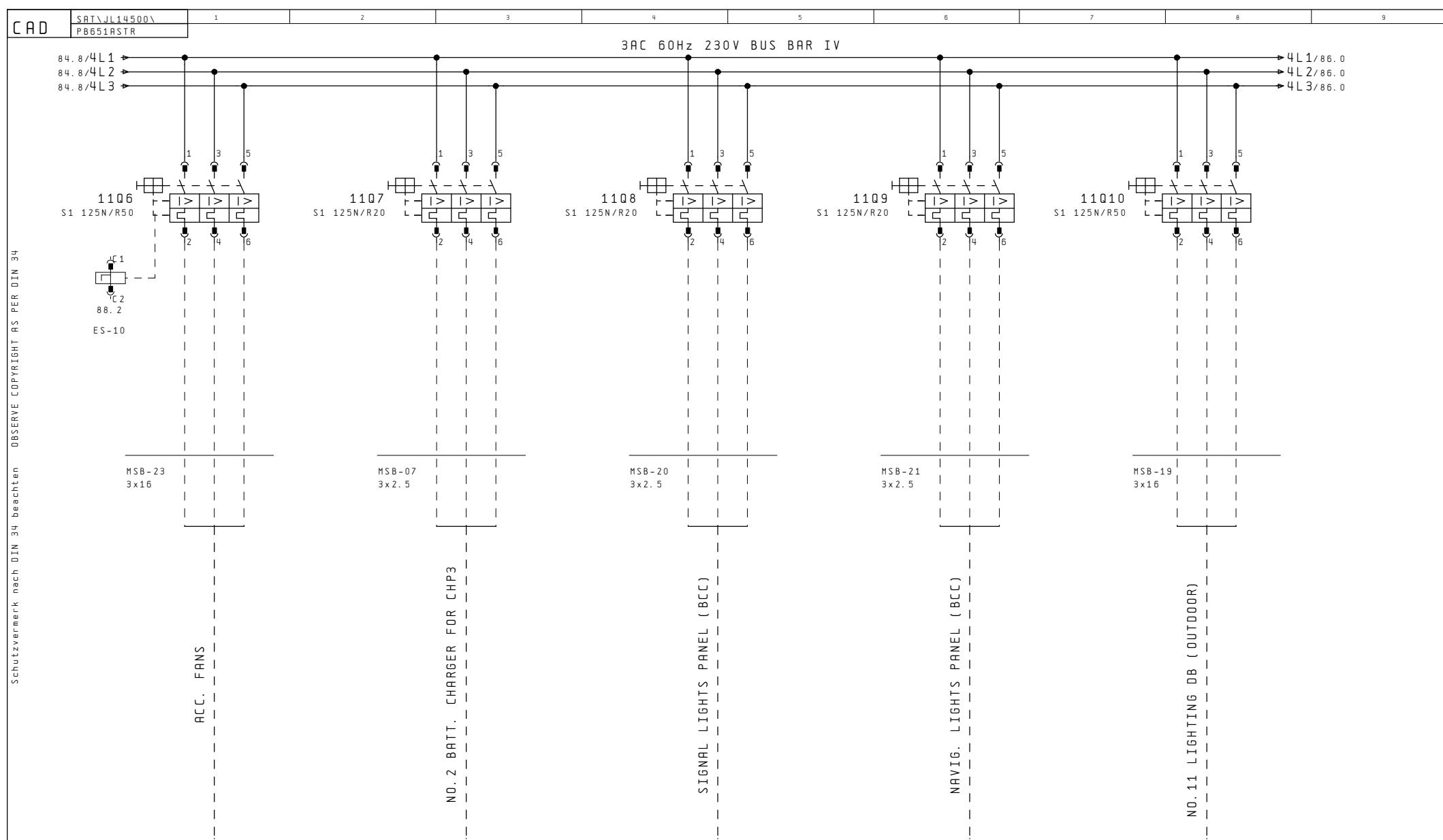
		DATE	2004.10.25	JINLINGSHIPYARD	SAM Taihang Electronics	MAIN SWITCHBOARD	TRANSF. LINE BREAKER CONTROL	
		PROC.	HXM	HULL NO: JLZ030507				
		CHECK	XIA YU MEI					
ALTER.	DATE	NAME	STORD	ORIGIN	REPL. FOR	REPL. WITH	PANEL 10	PB651A-000STR
							SH. 82	
								90 SH.
		1	2	3	4	5	6	7
								8
								9



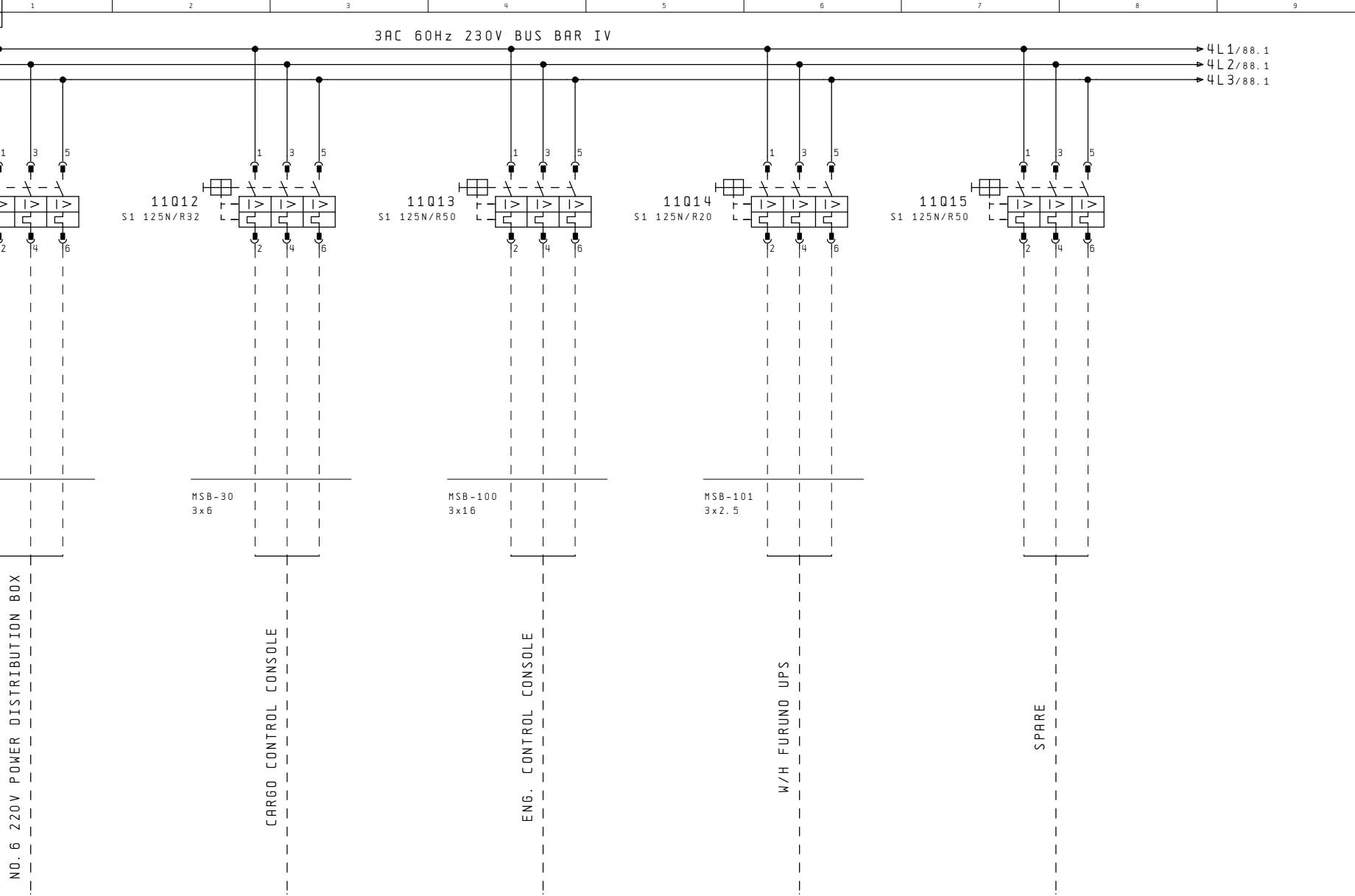
		DATE	2004.10.25	JINLINGSHIPYARD	SAM Taihang Electronics	MAIN SWITCHBOARD		=
		PROC.	HXM	HULL NO: JLZ030507				*
		CHECK	XIA YU MEI					
ALTER.	DATE	NAME	STORD	ORIGIN	REPL. FOR	REPL. WITH	PANEL 11	PB651A-000STR
				2	3	4	5	SH. 83
							8	90 SH.
							7	
							6	
							5	
							4	
							3	
							2	
							1	



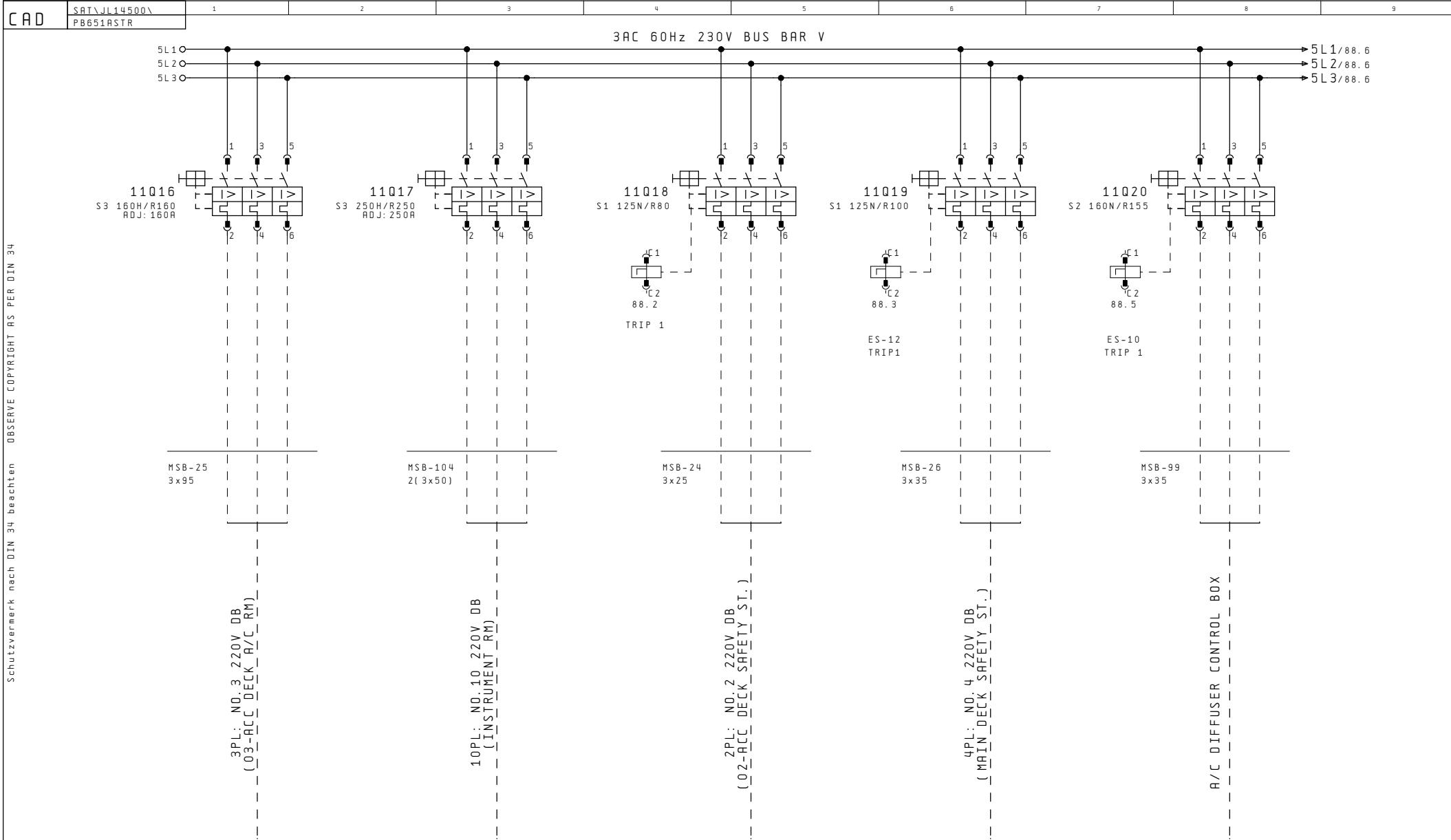
		DATE	2004.10.25	JINLINGSHIPYARD	SAM Taihang Electronics	MAIN SWITCHBOARD	CONSUMER 1101-1105	=
		PROC.	HXM	HULL NO: JLZ030507				*
		CHECK	XIA YU MEI					
ALTER.	DATE	NAME	STORD	ORIGIN	REPL. FOR	REPL. WITH	PANEL 11	PB651A-000STR
							SH. 84	
							90 SH.	



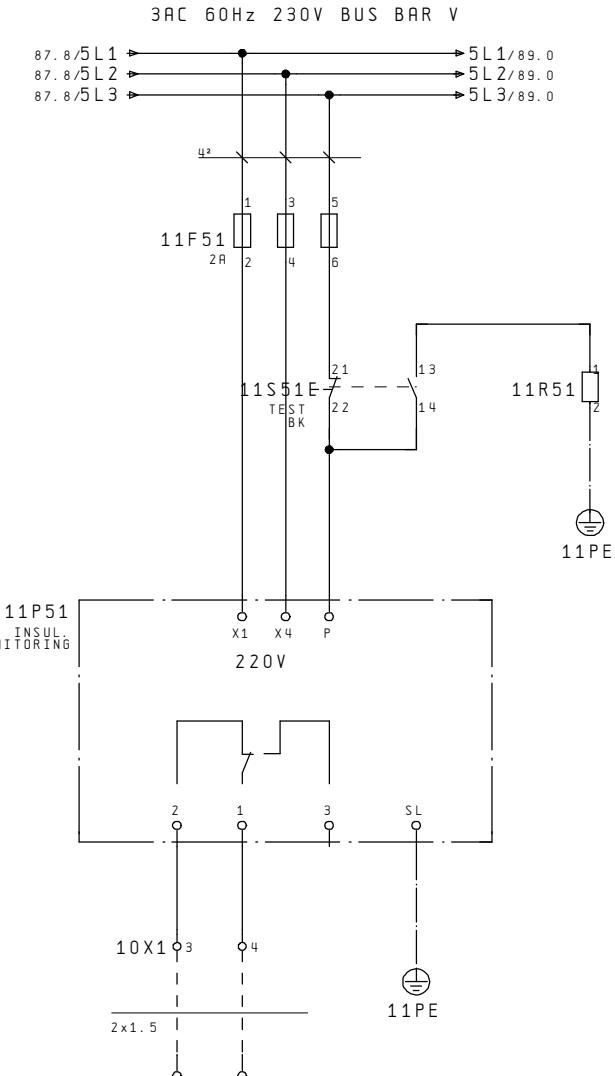
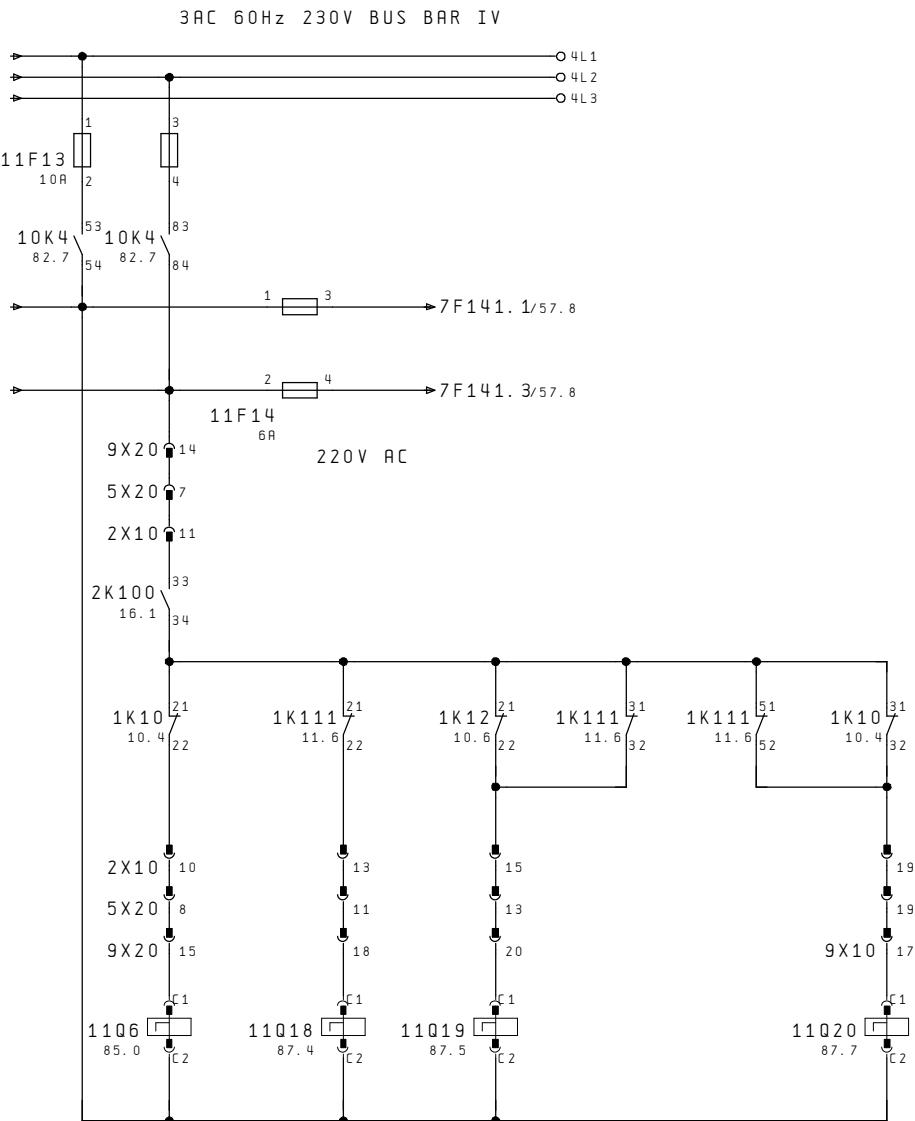
		DATE	2004.10.25	JINLINGSHIPYARD	SAM Taihang Electronics	MAIN SWITCHBOARD	CONSUMER 11Q6-11Q10	*
		PROC.	HXM	HULL NO: JLZ030507				
		CHECK	XIA YU MEI					
ALTER.	DATE	NAME	STORD	ORIGIN	REPL. FOR	REPL. WITH	PANEL 11	PB651A-000STR
							SH. 85	
							90 SH.	

CAD SAT\JL14500\
PB651ASTR

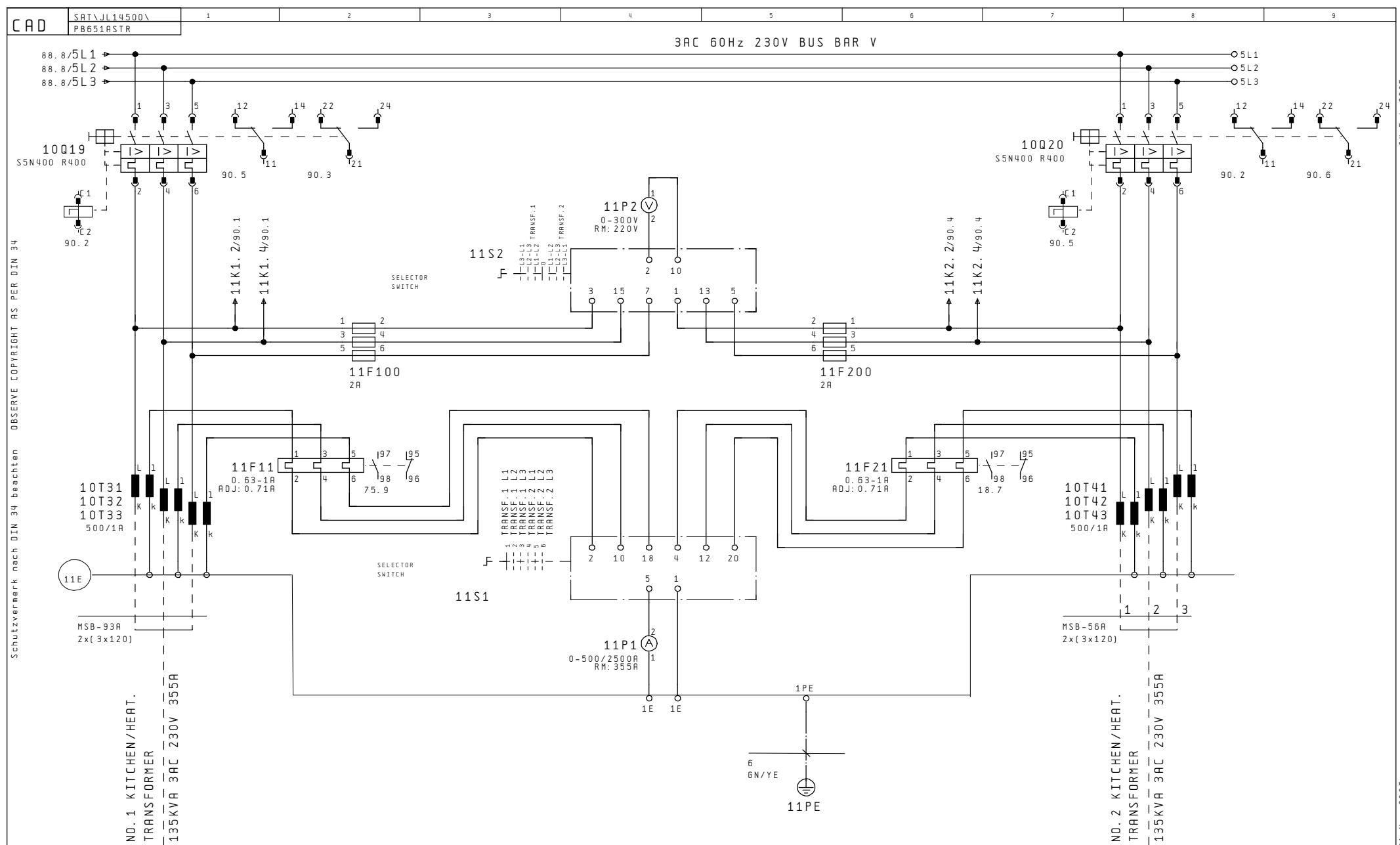
		DATE	2004.10.25	JINLINGSHIPYARD	SAM Taihang Electronics	MAIN SWITCHBOARD	CONSUMER 11011-11015	=
		PROC.	HXM	HULL NO: JLZ030507				*
		CHECK	XIA YU MEI					
ALTER.	DATE	NAME	STORD	ORIGIN	REPL. FOR	REPL. WITH	PANEL 11	PB651A-000STR
							SH. 86	
								90 SH.



		DATE	2004.10.25	JINLINGSHIPYARD	SAM Taihang Electronics		MAIN SWITCHBOARD	CONSUMER 11016-11020	=
		PROC.	HXM						*
		CHECK	XIA YU MEI						
ALTER.	DATE	NAME	STORD	ORIGIN	REPL. FOR	REPL. WITH	PANEL 11	PB651A-000STR	SH. 87
				1	2	3	4	5	90 SH.



		DATE	2004.10.25	JINLINGSHIPYARD	SAM Taihang Electronics	MAIN SWITCHBOARD	EM' CY STOP CONTROL	=
		PROC.	HXM	HULL NO: JLZ030507				*
		CHECK	XIA YU MEI					
ALTER.	DATE	NAME	STORD	ORIGIN	REPL. FOR	REPL. WITH	PANEL 11	PB651A-000STR
							SH. 88	
								90 SH.



		DATE	2004.10.25	JINLINGSHIPYARD	SAM Taihang Electronics	MAIN SWITCHBOARD	MEASURING (220V PANEL)	
		PROC.	HXM	HULL NO: JLZ030507			PANEL 11	PB651A-000STR
		CHECK	XIA YU MEI	ORIGIN	REPL. FOR	REPL. WITH		SH. 89
ALTER.	DATE	NAME	STORD					90 SH.

