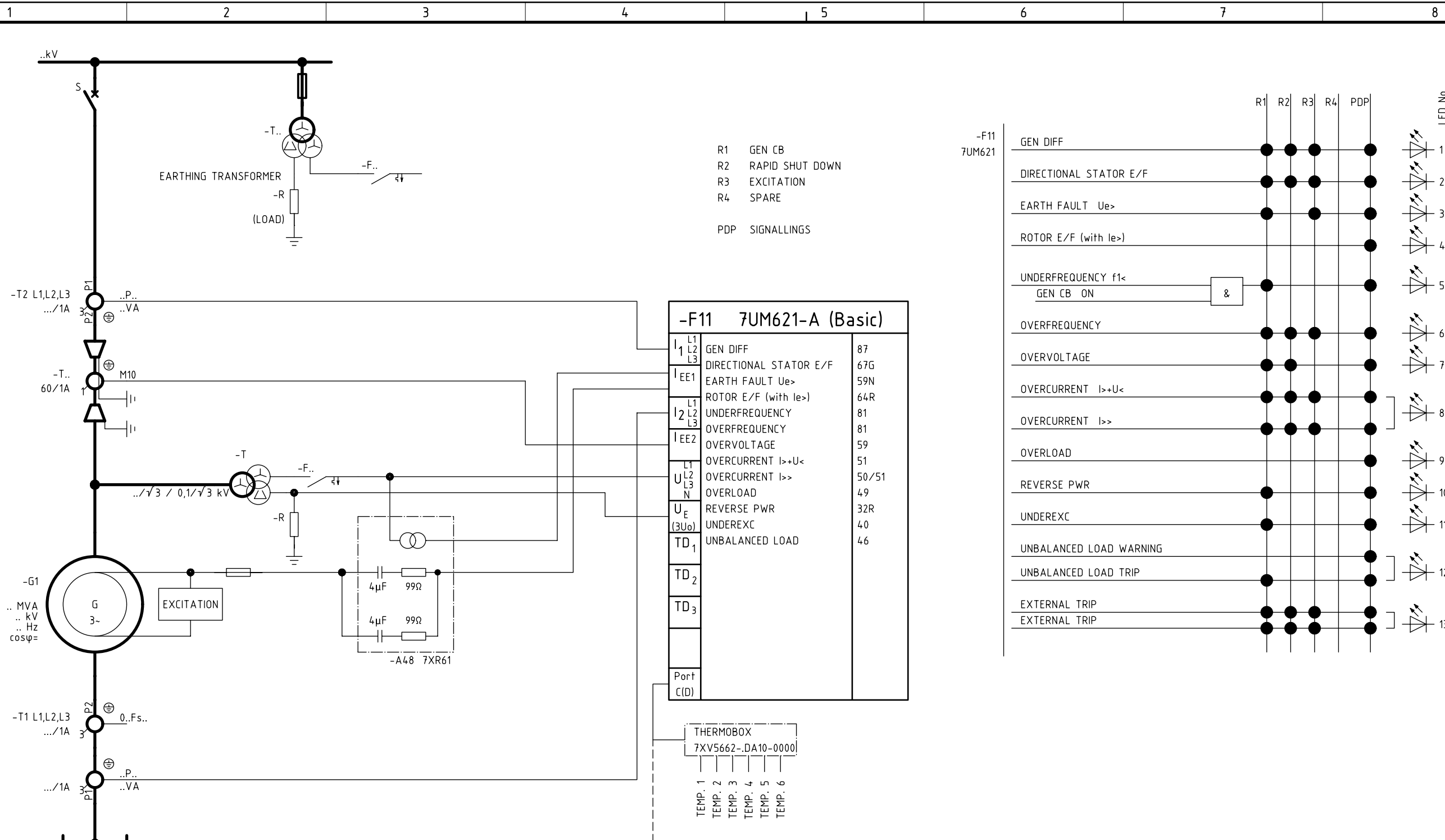


Archiv: SIPROTEC / YU / 7UM62 / 023 /  
Blank form: FB51P\_R1  
Date of print: 14.11.2002  
Time of print: 11:26 h  
File-No.: 000104

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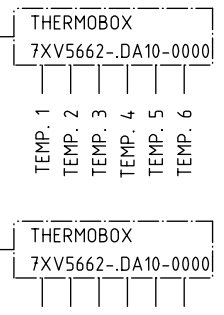
Project: angebbas  
SYMBOL LIBRARY 1: EVSBasis  
SYMBOL LIBRARY 2: xxxxx  
SYMBOL LIBRARY 3: xxxxx  
SYMBOL LIBRARY 4: xxxxx

ELCAD-VERSION: 5.7x  
TRANSLATE FILE A:xxxxx  
TRANSLATE FILE B:xxxxx  
TRANSLATE FILE C:EVSBasFB.ce  
TRANSLATE FILE D:EVSBasGT.de



- R1 GEN CB
- R2 RAPID SHUT DOWN
- R3 EXCITATION
- R4 SPARE
- PDP SIGNALLINGS

-F11 7UM621-A (Basic)	
I1 L1	GEN DIFF 87
I1 L2	DIRECTIONAL STATOR E/F 67G
I1 L3	EARTH FAULT Ue> 59N
I1 EE1	ROTOR E/F (with Ie>) 64R
I2 L1	UNDERFREQUENCY 81
I2 L2	OVERFREQUENCY 81
I2 L3	OVERVOLTAGE 59
I1 EE2	OVERCURRENT I>+U< 51
L1	OVERCURRENT I>> 50/51
L2	OVERLOAD 49
L3	REVERSE PWR 32R
N	UNDEREXC 40
Ue	UNBALANCED LOAD 46
UE (3U0)	
TD1	
TD2	
TD3	
Port	
C(D)	



-F11  
7UM621

	R1	R2	R3	R4	PDP	LED No.	ANSI No.
GEN DIFF	●	●	●	●	●	1	87
DIRECTIONAL STATOR E/F	●	●	●	●	●	2	67G
EARTH FAULT Ue>	●	●	●	●	●	3	59N
ROTOR E/F (with Ie>)	●	●	●	●	●	4	64R
UNDERFREQUENCY f1< GEN CB ON	●	●	●	●	●	5	81
OVERFREQUENCY	●	●	●	●	●	6	81
OVERVOLTAGE	●	●	●	●	●	7	59
OVERCURRENT I>+U<	●	●	●	●	●	8	50/51
OVERCURRENT I>>	●	●	●	●	●		
OVERLOAD	●	●	●	●	●	9	49
REVERSE PWR	●	●	●	●	●	10	32R
UNDEREXC	●	●	●	●	●	11	40
UNBALANCED LOAD WARNING	●	●	●	●	●	12	46
UNBALANCED LOAD TRIP	●	●	●	●	●		
EXTERNAL TRIP	●	●	●	●	●	13	
EXTERNAL TRIP	●	●	●	●	●		

7UM62\_MV\_4.pdf

Date 02-10-24		SIPROTEC 4		GENERATOR PROTECTION		YU SIPROTEC 023	
Drawn Donhauser		Busbar connected Generator		Siemens AG		U3241-P-U324-.....	
Appr. N.Mueller		with Earthing Transformer				7UM62	
Rev.	Remarks	Date	Name	Norm	Dr.Herrmann	Orig./Repl.f./Repl.by	Sheet 1-
1							1 Sh