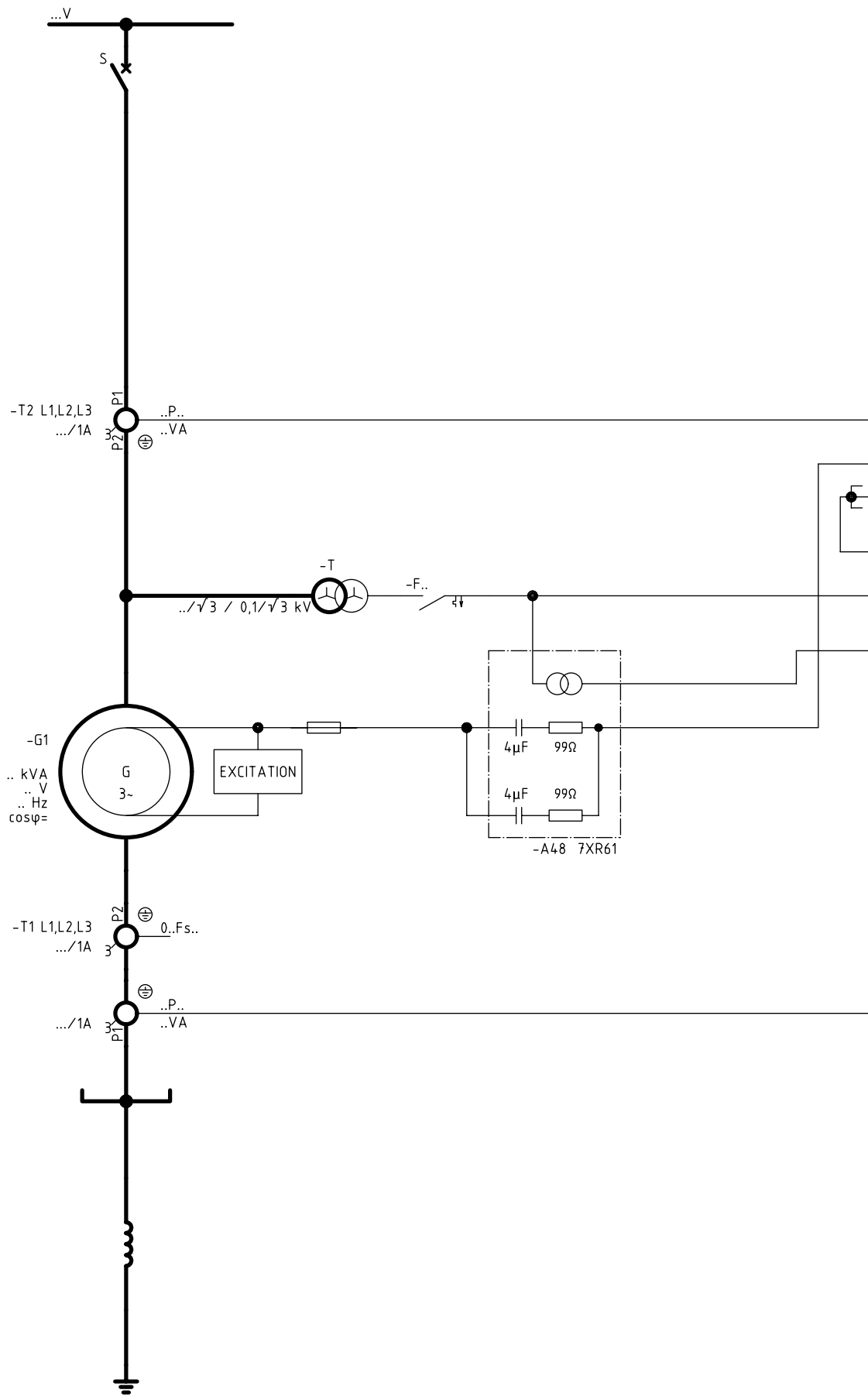


Archiv: SIPROTEC / YU / 7UM62 / 021 /  
Blank form : FB51P\_R1  
Date of print : 14.11.2002  
Time of print : 11:26 h  
File-No.: 000103

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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)	
I <sub>1</sub> L1	GEN DIFF 87
L2	EARTH CURRENT I <sub>e&gt;</sub> 51N
L3	ROTOR E/F 64R
I <sub>EE1</sub>	UNDERFREQUENCY 81
L1	OVERFREQUENCY 81
L2	OVERVOLTAGE 59
L3	OVERCURRENT I <sub>&gt;+U&lt;</sub> 51
I <sub>EE2</sub>	OVERCURRENT I <sub>&gt;&gt;</sub> 50/51
L1	OVERLOAD 49
L2	REVERSE PWR 32R
L3	UNDEREXC 40
N	UNBALANCED LOAD 46
U <sub>E</sub>	
TD <sub>1</sub>	
TD <sub>2</sub>	
TD <sub>3</sub>	

-F11  
7UM621

	R1	R2	R3	R4	PDP	LED No.	ANSI No.
GEN DIFF	●	●	●		●	1	87
EARTH CURRENT I <sub>e&gt;</sub>	●	●	●		●	2	51N
ROTOR E/F					●	3	64R
UNDERFREQUENCY f <sub>1&lt;</sub>					●	5	81
GEN CB ON					●		
OVERFREQUENCY	●	●	●		●	6	81
OVERVOLTAGE	●	●	●		●	7	59
OVERCURRENT I <sub>&gt;+U&lt;</sub>	●	●	●		●	8	50/51
OVERCURRENT I <sub>&gt;&gt;</sub>					●	9	49
OVERLOAD					●	10	32R
REVERSE PWR					●	11	40
UNDEREXC					●	12	46
UNBALANCED LOAD WARNING					●		
UNBALANCED LOAD TRIP					●		
EXTERNAL TRIP	●	●	●		●	13	
EXTERNAL TRIP	●	●	●		●		

7UM62\_LV\_2.pdf

Date 02-10-24		SIPROTEC 4		GENERATOR PROTECTION		YU SIPROTEC 021	
Drawn Donhauser		Busbar connected Low Voltage Generator		Siemens AG		U3241-P-U324-..... 7UM62	
Appr. N.Mueller		Orig./Repl.f./Repl.by		Single line diagram		(3)E50414-L0...-S100	
Rev.	Remarks	Date	Name	Norm	Dr.Herrmann	Sheet 1-	1 Sh