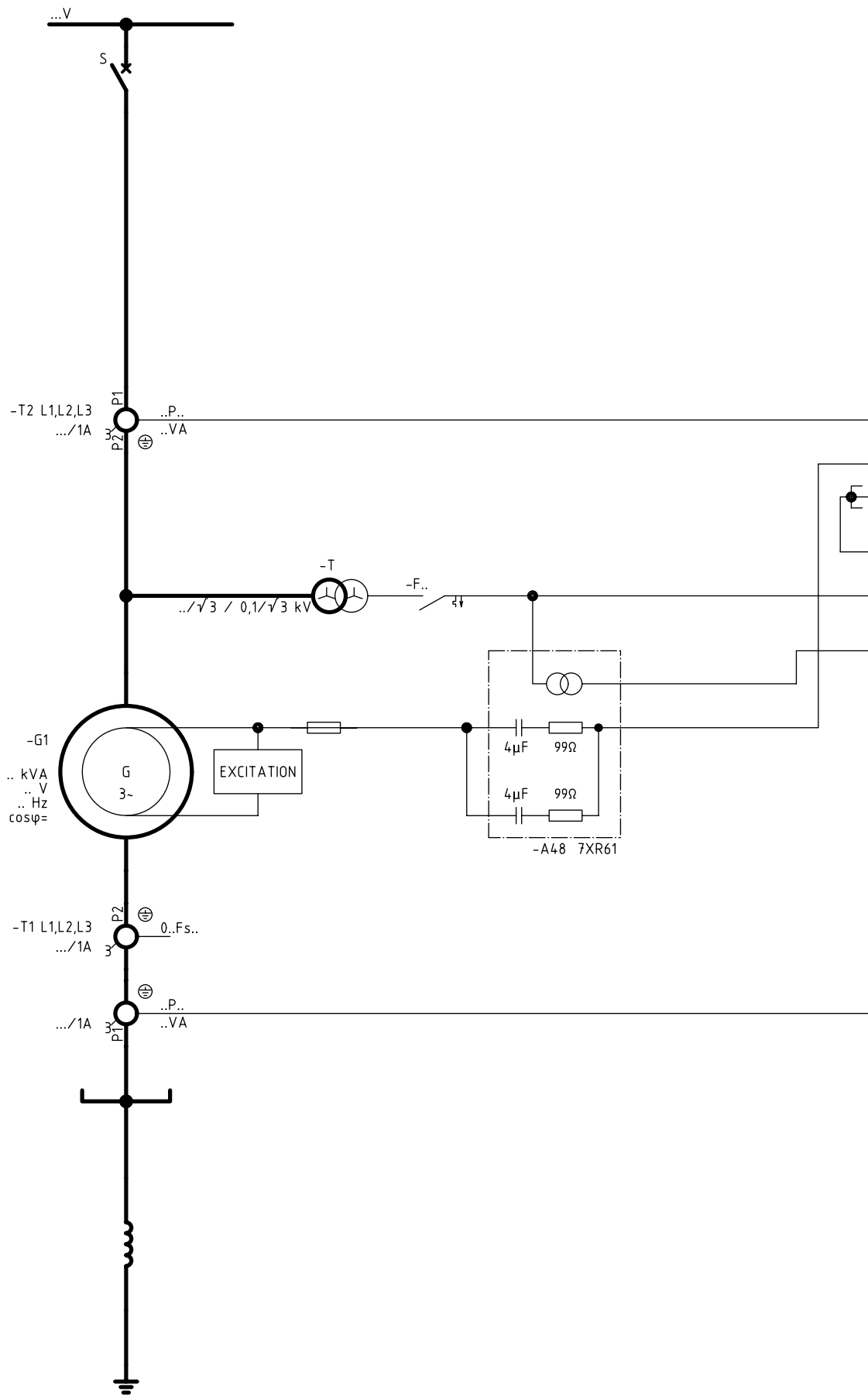


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Project: angebbas
SYMBOL LIBRARY 1: EVSBasis
SYMBOL LIBRARY 2: xxxxx
SYMBOL LIBRARY 3: xxxxx
SYMBOL LIBRARY 4: xxxxx
ELCAD-VERSION: 5.7x
TRANSLATE FILE A:xxxxx
TRANSLATE FILE B:xxxxx
TRANSLATE FILE C:EVSBasFB.ce
TRANSLATE FILE D:EVSBasGT.de



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

-F11 7UM621-A (Basic)	
I ₁ L1	GEN DIFF 87
L2	EARTH CURRENT I _{e>} 51N
L3	ROTOR E/F 64R
EE1	UNDERFREQUENCY 81
L1	OVERFREQUENCY 81
L2	OVERVOLTAGE 59
L3	OVERCURRENT I _{>+U<} 51
EE2	OVERCURRENT I _{>>} 50/51
L1	OVERLOAD 49
L2	REVERSE PWR 32R
L3	UNDEREXC 40
N	UNBALANCED LOAD 46
U _E	
TD ₁	
TD ₂	
TD ₃	

-F11
7UM621

	R1	R2	R3	R4	PDP	LED No.	ANSI No.
GEN DIFF	●	●	●		●	1	87
EARTH CURRENT I _{e>}	●	●	●		●	2	51N
ROTOR E/F					●	3	64R
UNDERFREQUENCY f _{1<}					●	5	81
GEN CB ON					●		
OVERFREQUENCY	●	●	●		●	6	81
OVERVOLTAGE	●	●	●		●	7	59
OVERCURRENT I _{>+U<}	●	●	●		●	8	50/51
OVERCURRENT I _{>>}					●	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