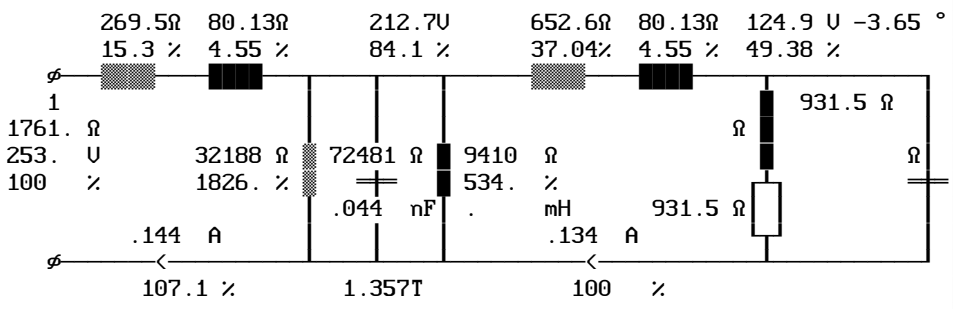
NOMINAL OPERATION at Temperature °C 163.9 and Overvoltage 1.10

Output Power on Load	W:11.17	Output Power of Transfor.	W:16.76
Cu Losses	W:17.3	Fe-Losses active	W:1.41
Short-Circuit-Volt. cold	%:26.44	Regulation	%:102.5
Instantaneous pow. .5/95&	W:20.9	Efficiency of Transformer	%:37.39
dT Fe average Surface	°K:111.5	dT primary	°K:121.4
dT Gehäuse av. Surface	°K:.	dT secondary	°K:126.8



DUTY CYCLE OPERATION at Amb.Temperature °C 40. and Overvoltage 1.10

dT Fe average Surface	°K:111.3	dT primary	°K:121.2
dT Gehäuse av. Surface	°K:.	dT secondary	°K:126.6

NO LOAD OPERATION at Amb.Temperature °C 40. and Overvoltage 1.10

Losses active	W:3.68	Losses reactive	VAr:22.85
Current factor	%:63.72	Induction	T:1.553
dT Fe average Surface	°K:31.3	dT primary	°K:33.
dT Gehäuse av. Surface	°K:.	Rezonance frequency	kHz:4.4

SHORT-CIRCUIT OPERATION at Amb.Temperature °C 40. and Overvoltage 1.10

Losses active	W:125.2	Losses reactive	VAr:56.47
Current factor cold	%:378.2	Induction	T:.942
dT Fe average Surface	°K:256.	dT primary	°K:302.7
dT Case aver. Surface	°K:.	dT secondary	°K:301.1

PRIMARY (Tap:1)	1---- 2---- 3---- 4---- 5---- 6---- 7---- 8-----
Voltage Input/Output	V:253.
Out. Voltage no load	V:
Current Input/Output	A:0.144
Load on output	Ω:
Power factor of load	:
Current in segment	A:0.144
Current dencity	A/mm^2:6.35
Icc-Current cold	A:0.54
Io -Current	A:0.091
Inrush Current peak	^A:1.34
Inrush Current rms	A:0.58
Cu-Losses	W:5.6
Resistance cold	Ω:172.9
Reactance	Ω:80.13
Eddy-Current Factor	:1.

SECONDARY	1---- 2---- 3---- 4---- 5---- 6---- 7---- 8-----	
Output Voltage	V:9.54	.33
Output Current	A:1.143	0.798
Out. Voltage no load	V:15.24	18.76
Sec. Voltage	V:9.21	1.8
Sec. Current	A:1.644	0.901
Current dencity	A/mm^2:4.16	25.59
Sec. Voltage cold	V:9.9	2.6
Load on output	Ω:5.4	.001
Power factor of load	:1.000	1.000
Icc cold	A:9.89	0.92
Cu-Losses warm	W:2.004	9.734
Resistance cold	Ω:.4692	7.592
Reactance	Ω:.3208	.7081
Eddy-Current Factor	:1.	1.
Capacitor	mF:5.719	52.84