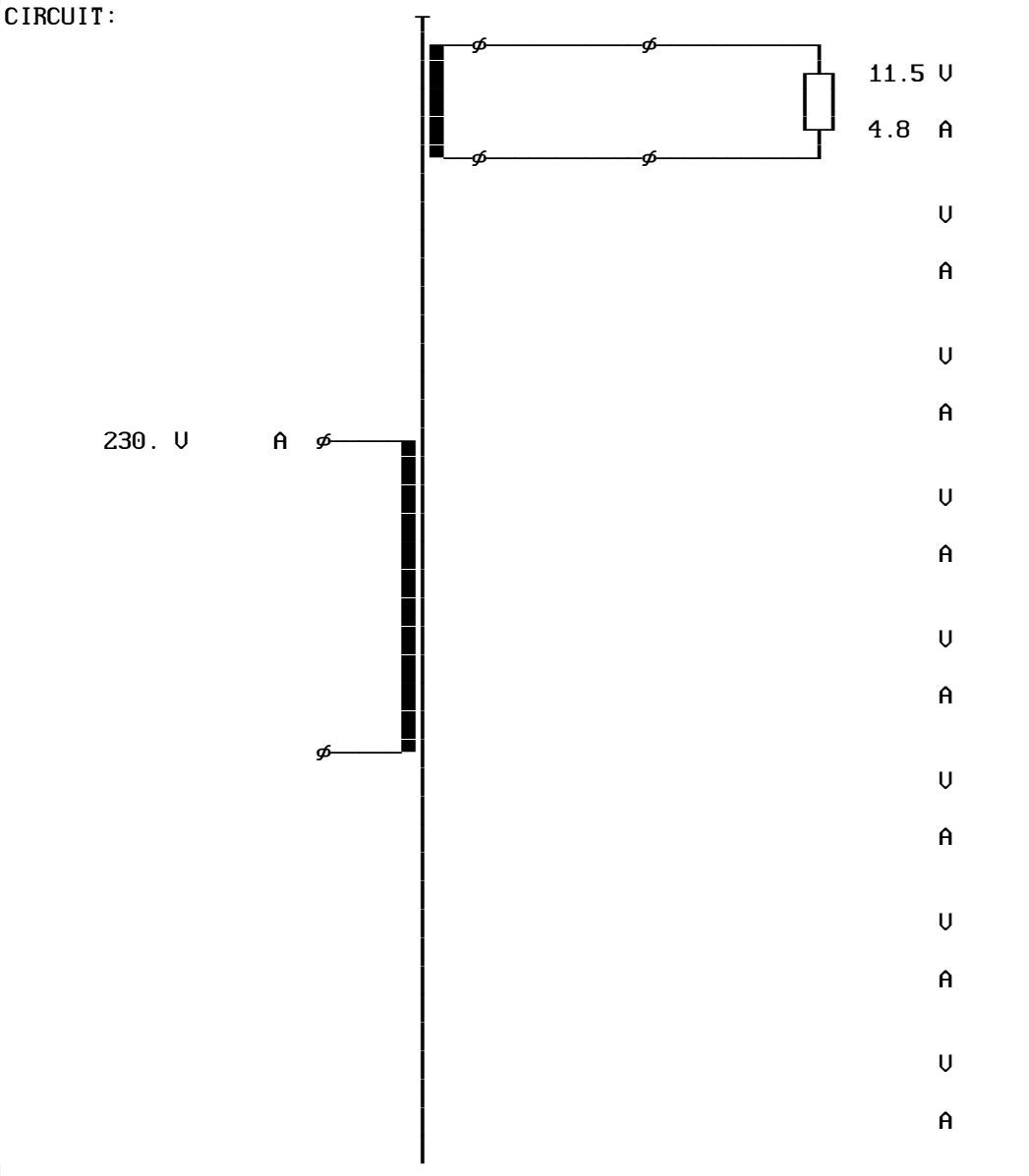
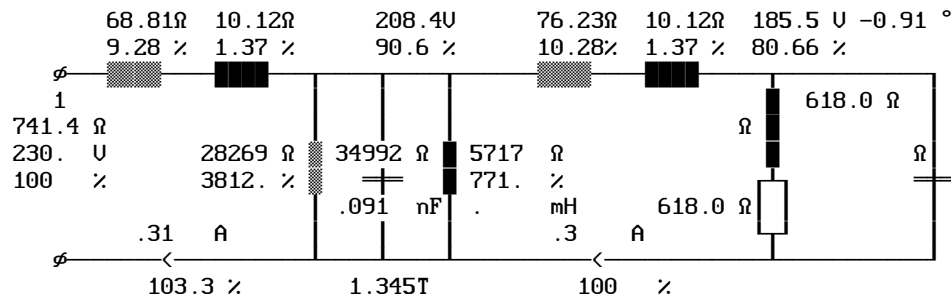


PRIMARY	U(V)	I(A)	SECOND.	1---	2---	3---	4---	5---	6---	7---	8---
Circuit-:1	230.		Circuit-:11								
Overvlt*:1.00	.		Volta. U:11.5								
Wire :0.0	.		Curre. A:4.8								
I/L. μ:0.	.		Wire :0								
I/E. μ:100.	.		I/L μ:0.0								
Formfac.:1.11	.		I/E μ:100.								
Fre.Hz:50	.										
dI/Io %:100	.			1	1	1	1	1	1		

Regulat. %:100.0	Steel -:3	Cooling *:1.00	Bobbin -:2
Udiode U:0.8	Induction T:1.34	Force m/s:0.00	P/S-Order -:1
dUdiode U:1	Remanence *:0.35	Bracket -:2	Rac/Rdc *:1.05
Ripple %:5.	W/kg *:1.00	Radiator -:0	Space *:2.00
Tmp. Amb.°C:40	UAr/kg *:1.00	Chassis -:1.00	Vertical -:0
Tmp.rise °K:70	Gap *:1.00	Channel cm:0.00	Horizontal -:1
Time 1 Min:30.0	Annealed -:0	Cu-Surface*:1.00	Impregnat. -:2
Load 1 *:1.0	Stacking *:1.00	Rth-varni. *:1.00	Spread %:0
Time 2 Min:30.0	Hole -:0	Rth-comp. *:1.50	Selection -:1
Load 2 *:1.0	Assembly -:1	Case -:0	Criterion -:2



NOMINAL OPERATION at Temperature °C 101.8 and Overvoltage 1.00
 Output Power on Load W:55.69 Output Power of Transfor. W:55.69
 Cu Losses W:13.49 Fe-Losses active W:1.54
 Short-Circuit-Volt. cold %:14.97 Regulation %:23.98
 Instantaneous pow. .5/95& W:88.4 Efficiency of Transformer %:78.75
 dT Fe average Surface °K:53.1 dT primary °K:61.8
 dT Gehäuse av. Surface °K:. dT secondary °K:61.8



DUTY CYCLE OPERATION at Amb.Temperature °C 40. and Overvoltage 1.00
 dT Fe average Surface °K:53.1 dT primary °K:61.8
 dT Gehäuse av. Surface °K:. dT secondary °K:61.8

NO LOAD OPERATION at Amb.Temperature °C 40. and Overvoltage 1.00
 Losses active W:2.51 Losses reactive UAr:22.45
 Current factor %:31.66 Induction T:1.474
 dT Fe average Surface °K:11.9 dT primary °K:12.3
 dT Gehäuse av. Surface °K:. Rezonance frequency kHz:3.9

SHORT-CIRCUIT OPERATION at Amb.Temperature °C 40. and Overvoltage 1.00
 Losses active W:468.4 Losses reactive UAr:87.56
 Current factor cold %:667.9 Induction T:.779
 dT Fe average Surface °K:310.5 dT primary °K:416.9
 dT Case aver. Surface °K:. dT secondary °K:420.4

PRIMARY (Tap:1) 1---- 2---- 3---- 4---- 5---- 6---- 7---- 8----
 Voltage Input/Output U:230.
 Out. Voltage no load U:
 Current Input/Output A:0.31
 Load on output Ω:
 Power factor of load :
 Current in segment A:0.31
 Current dencity A/mm²:7.1
 Icc-Current cold A:2.07
 Io -Current A:0.098
 Inrush Current peak ^A:2.96
 Inrush Current rms A:1.28
 Cu-Losses W:6.6
 Resistance cold Ω:51.88
 Reactance Ω:10.12
 Eddy-Current Factor :1.

SECONDARY 1---- 2---- 3---- 4---- 5---- 6---- 7---- 8----
 Output Voltage U:11.55
 Output Current A:4.821
 Out. Voltage no load U:14.22
 Sec. Voltage U:11.55
 Sec. Current A:4.821
 Current dencity A/mm²:7.58
 Sec. Voltage cold U:12.1
 Load on output Ω:2.396
 Power factor of load :1.000
 Icc cold A:33.18
 Cu-Losses warm W:6.869
 Resistance cold Ω:.2226
 Reactance Ω:.0393
 Eddy-Current Factor :1.
 Capacitor mF:.