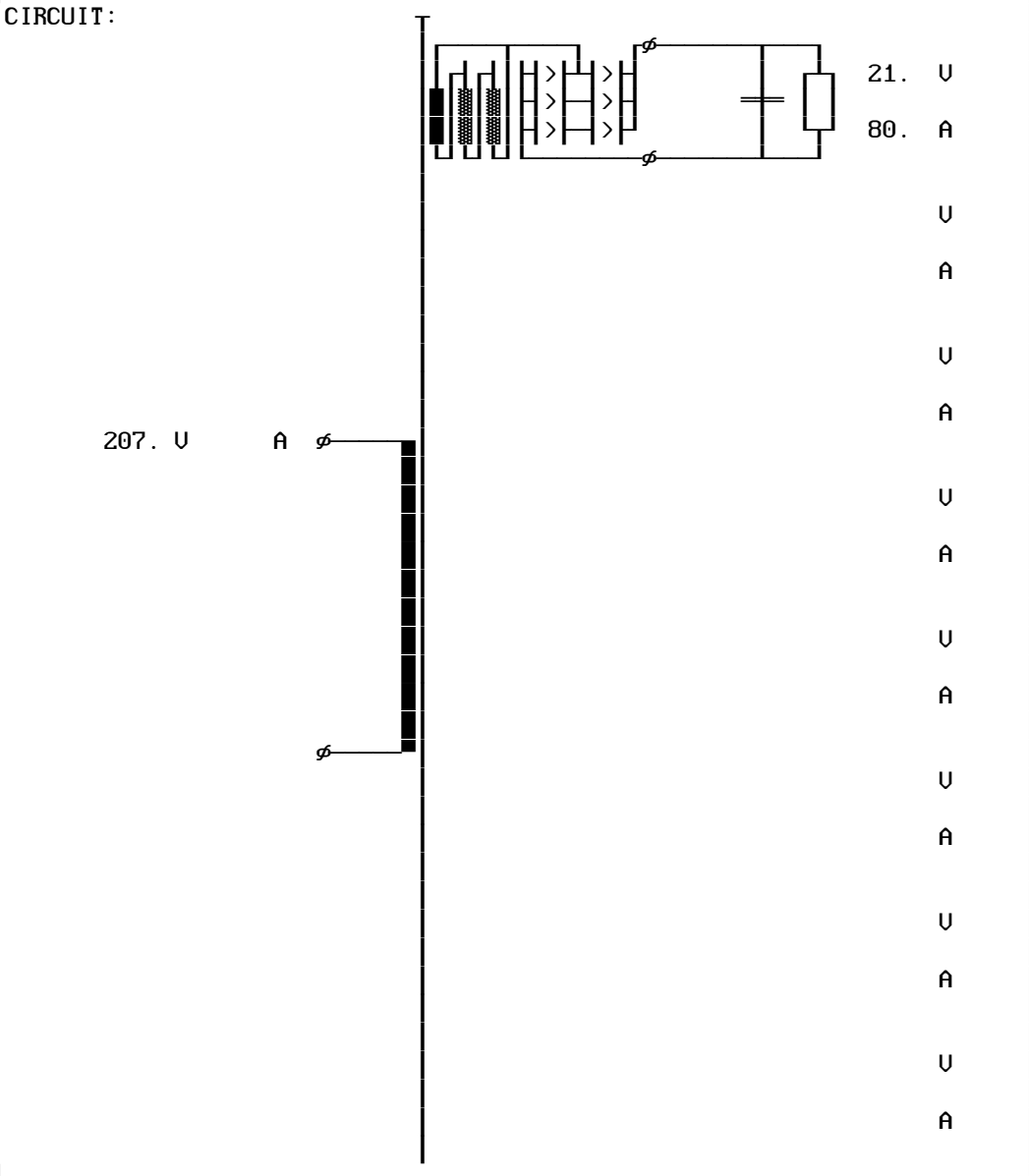


PRIMARY	U(V)	I(A)	SECOND.	1---	2---	3---	4---	5---	6---	7---	8---
Circuit-:4	207.		Circuit-:53								
Overvlt*:1.21	.		Volta. U:21.								
Wire :0.0	.		Curre. A:80.								
I/L. μ:0.	.		Wire :3								
I/E. μ:500.	.		I/L μ:0.0								
Formfac.:1.11	.		I/E μ:0.0								
Fre.Hz:50	.										
dI/Io %:100	.			4	4	4	4	4	4		

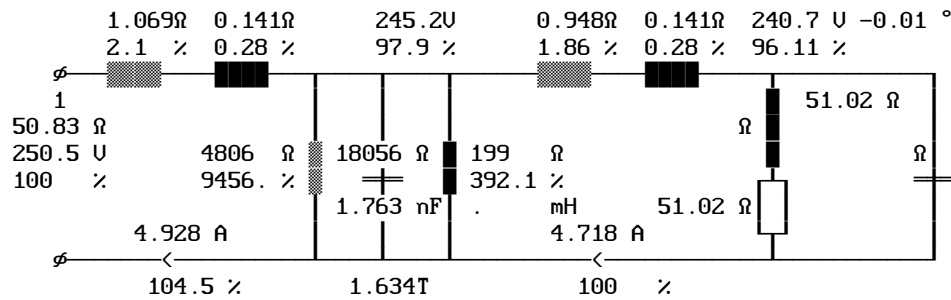
Regulat. %:-10.0	Steel -:1	Cooling *:1.00	Bobbin -:1
Udiode U:1.2	Induction T:1.63	Force m/s:0.00	P/S-Order -:1
dUdiode U:.1	Remanence *:0.35	Bracket -:2	Rac/Rdc *:1.25
Ripple %:5.	W/kg *:1.00	Radiator -:0	Space *:0.90
Tmp. Amb.°C:40	UAr/kg *:1.00	Chassis -:1.00	Vertical -:1
Tmp.rise °K:80	Gap *:1.00	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 -:1	Rth-comp. *:1.50	Selection -:0
Load 2 *:1.0	Assembly -:1	Case -:0	Criterion -:1



```
X- Length 1 cm:
Y- Width 1 cm:
Z- Height 1 cm:
x- Length 2 cm:
y- Width 2 cm:
z- Height 2 cm:
w- Thickness cm:
Material :
Potted :
```

	Type	Turns	MTI	DN	DN	Par	T/ ϕ mm	W/ ϕ mm	W/L	L	I/L μ	I/E μ	Weight gr	RWH %
1 2 3 4 5 6 7 8	4	288.	C00	88.0	88.0	1	1.4	1.4	74	3.8	.	500	927.56	37.
1 2 3 4 5 6 7 8	53	25.0	C21	70.0	2.0	1	2.	11.8	8	3.	.	.	1476.9	41.
TOTAL: Area of the cooling channels cm ² : 0.0 / 0. 7213. 82.														

NOMINAL OPERATION at Temperature °C 108.4 and Overvoltage 1.21
 Output Power on Load W:2388. Output Power of Transfor. W:3406.
 Cu Losses W:47.05 Fe-Losses active W:12.51
 Short-Circuit-Volt. cold %:3.62 Regulation %:4.05
 Instantaneous pow. .5/95& W:3604. Efficiency of Transformer %:93.04
 dT Fe average Surface °K:59.8 dT primary °K:68.9
 dT Gehäuse av. Surface °K:. dT secondary °K:67.9



DUTY CYCLE OPERATION at Amb.Temperature °C 40. and Overvoltage 1.21
 dT Fe average Surface °K:59.8 dT primary °K:68.9
 dT Gehäuse av. Surface °K:. dT secondary °K:67.9

NO LOAD OPERATION at Amb.Temperature °C 40. and Overvoltage 1.21
 Losses active W:18.37 Losses reactive UAr:574.2
 Current factor %:46.54 Induction T:1.667
 dT Fe average Surface °K:25.1 dT primary °K:23.8
 dT Gehäuse av. Surface °K:. Rezonance frequency kHz:4.8

SHORT-CIRCUIT OPERATION at Amb.Temperature °C 40. and Overvoltage 1.21
 Losses active W:33671 Losses reactive UAr:5222.
 Current factor cold %:2760. Induction T:.931
 dT Fe average Surface °K:3300. dT primary °K:3859.
 dT Case aver. Surface °K:. dT secondary °K:3813.

PRIMARY (Tap:1) 1---- 2---- 3---- 4---- 5---- 6---- 7---- 8----
 Voltage Input/Output U:250.5
 Out. Voltage no load U:
 Current Input/Output A:4.928
 Load on output Ω:
 Power factor of load :
 Current in segment A:4.928
 Current dencity A/mm²:3.22
 Icc-Current cold A:136.0
 Io -Current A:2.294
 Inrush Current peak ^A:204.8
 Inrush Current rms A:96.21
 Cu-Losses W:26.
 Resistance cold Ω:.788
 Reactance Ω:.141
 Eddy-Current Factor :1.

SECONDARY 1---- 2---- 3---- 4---- 5---- 6---- 7---- 8----
 Output Voltage U:26.16
 Output Current A:91.30
 Out. Voltage no load U:28.21
 Sec. Voltage U:20.9
 Sec. Current A:54.34
 Current dencity A/mm²:2.3
 Sec. Voltage cold U:21.1
 Load on output Ω:.382
 Power factor of load :1.000
 Icc cold A:1566.
 Cu-Losses warm W:21.08
 Resistance cold Ω:.0053
 Reactance Ω:.0011
 Eddy-Current Factor :1.
 Capacitor mF:40.59