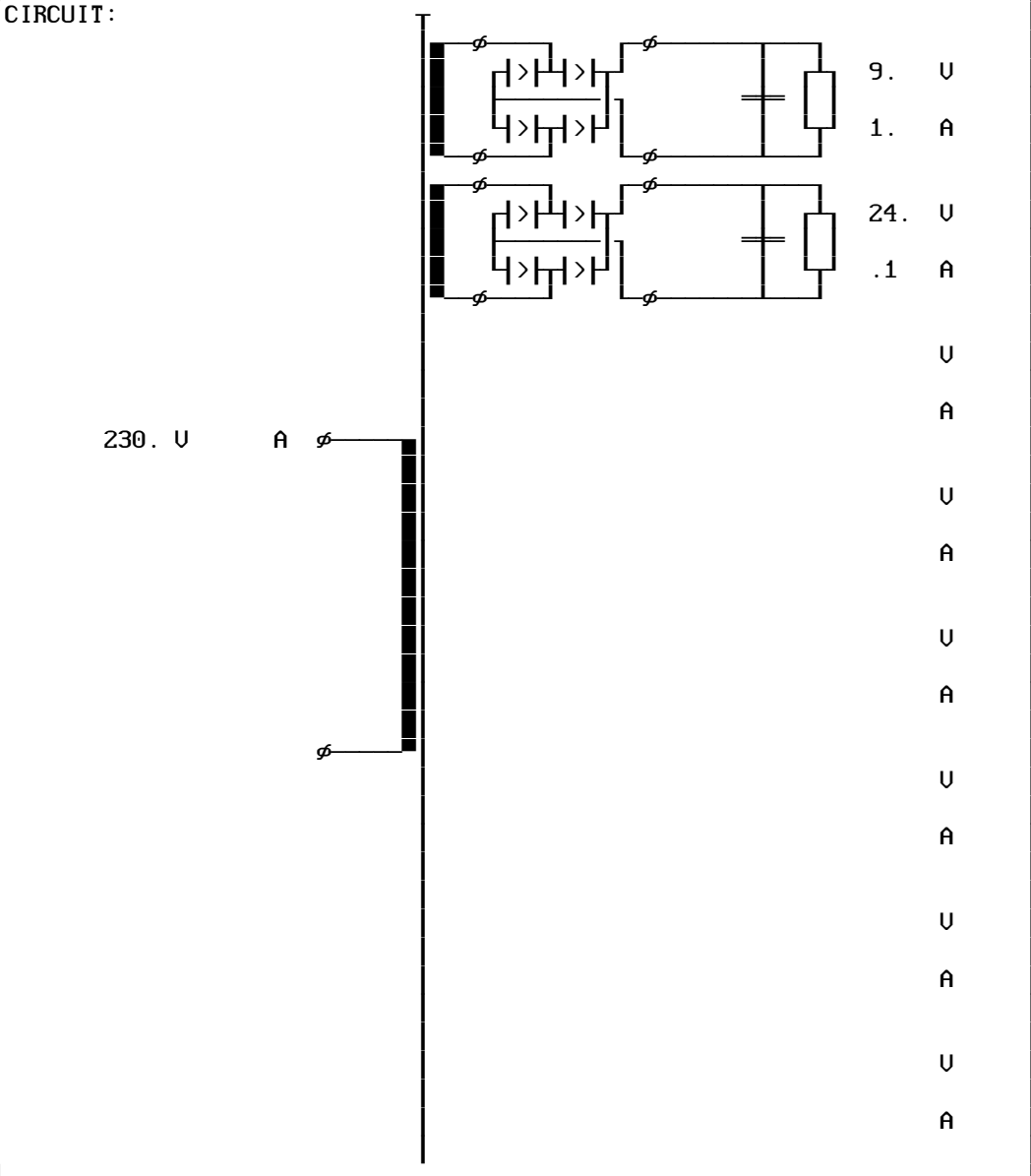


PRIMARY	U(V)	I(A)	SECOND.	1---	2---	3---	4---	5---	6---	7---	8---
Circuit-:1	230.		Circuit-:33	33							
Overvlt*:1.10	.		Volta. U:9.	24.							
Wire :0.0	.		Curre. A:1.	.1							
I/L. μ:0.	.		Wire :0	0							
I/E. μ:100.	.		I/L μ:0.0	0.0							
Formfac.:1.11	.		I/E μ:0.0	0.0							
Fre.Hz:50	.										
dI/Io %:100	.			1	1	1	1	1	1		

Regulat. %:-50.0	Steel -:3	Cooling *:1.00	Bobbin -:2
Udiode U:0.8	Induction T:1.44	Force m/s:0.00	P/S-Order -:1
dUdiode U:.1	Remanence *:0.35	Bracket -:0	Rac/Rdc *:1.05
Ripple %:5.	W/kg *:1.00	Radiator -:0	Space *:0.90
Tmp. Amb.°C:40	UAr/kg *:1.00	Chassis -:1.00	Vertical -:0
Tmp.rise °K:75	Gap *:1.00	Channel cm:0.00	Horizontal -:1
Time 1 Min:30.0	Annealed -:0	Cu-Surface*:1.00	Impregnat. -:4
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 -:1
Load 2 *:1.0	Assembly -:1	Case -:0	Criterion -:0



4.5

Weight	gr:274.42
Gap total	cm:0.000
A-Limb	cm:1.80
B-Width	cm:0.90
C-Height	cm:2.70
D-Stack	cm:1.89
E-Yoke 1	cm:0.90
F-Yoke 2	cm:0.90
G-Hole	cm:0.349
Anglee	°:1.00
Radiator Fin	:0
Radiator Chan.	:0
a1	cm:2.07
a2	cm:3.51
d1	cm 2.11
d2	cm 3.65
l	cm:
lp	cm:1.17
ls	cm:1.17
Margin	cm:0.13

$$\begin{array}{c} \overline{\tau} \\ \text{lp} \\ \neq \\ \text{ls} \\ \vdash \end{array}$$

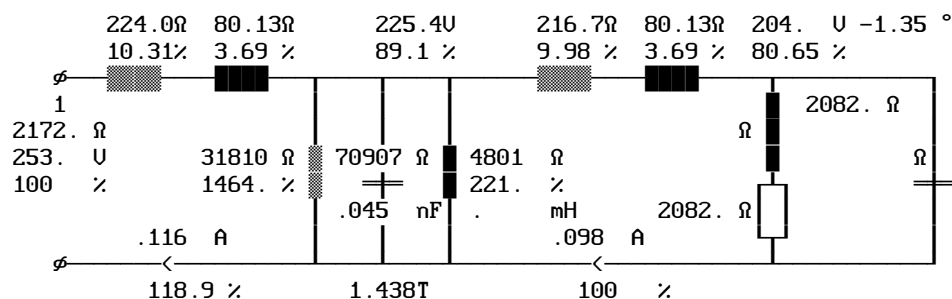
The diagram shows a cross-section of a three-layer system. A central black layer has a thickness labeled d_2 . On either side of this central layer are two identical side layers, each with a thickness labeled d_1 . Inside each side layer, there is a white rectangular region containing a scatterer, represented by a small circle with a cross, and labeled S .

```
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 :
```

	Typ	Turns	MTI	DN	DN	Par	T/∅ mm	W/∅ mm	W/L	L	I/L μ	I/E μ	Weight gr	RWH %	
1	1	2140.	C00	49.0	49.0	1	.17	.17	57	37.		100	44.416	92.	
2															
3															
4															
5															
6															
7															
8															
1	33	105.0	C00	76.0	76.0	1	.71	.71	14	7.6	.	.	36.814	76.	
2		33	255.0	C00	53.0	53.0	1	.212	.212	46	5.5	.	.	9.659	18.
3															
4															
5															
6															
7															
8															

TOTAL: Area of the cooling channels		cm2 : 0.0 / 0.	90.88	94.
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NOMINAL OPERATION at Temperature °C 93.9 and Overvoltage 1.10
 Output Power on Load W:14.36 Output Power of Transfor. W:20.
 Cu Losses W:5.12 Fe-Losses active W:1.6
 Short-Circuit-Volt. cold %:19.72 Regulation %:24.
 Instantaneous pow. .5/95& W:26.7 Efficiency of Transformer %:68.12
 dT Fe average Surface °K:50.7 dT primary °K:54.5
 dT Gehäuse av. Surface °K:. dT secondary °K:53.6



DUTY CYCLE OPERATION at Amb.Temperature °C 40. and Overvoltage 1.10
 dT Fe average Surface °K:50.5 dT primary °K:54.3
 dT Gehäuse av. Surface °K:. dT secondary °K:53.4

NO LOAD OPERATION at Amb.Temperature °C 40. and Overvoltage 1.10
 Losses active W:3.68 Losses reactive UAr:22.85
 Current factor %:78.54 Induction T:1.553
 dT Fe average Surface °K:31.2 dT primary °K:32.9
 dT Gehäuse av. Surface °K:. Rezonance frequency kHz:6.1

SHORT-CIRCUIT OPERATION at Amb.Temperature °C 40. and Overvoltage 1.10
 Losses active W:138.4 Losses reactive UAr:56.16
 Current factor cold %:507.1 Induction T:.885
 dT Fe average Surface °K:265.6 dT primary °K:314.
 dT Case aver. Surface °K:. dT secondary °K:310.5

PRIMARY (Tap:1) 1---- 2---- 3---- 4---- 5---- 6---- 7---- 8----
 Voltage Input/Output U:253.
 Out. Voltage no load U:
 Current Input/Output A:0.116
 Load on output Ω:
 Power factor of load :
 Current in segment A:0.116
 Current dencity A/mm²:5.15
 Icc-Current cold A:0.59
 Io -Current A:0.091
 Inrush Current peak ^A:1.36
 Inrush Current rms A:0.58
 Cu-Losses W:3.
 Resistance cold Ω:172.9
 Reactance Ω:80.13
 Eddy-Current Factor :1.

SECONDARY 1---- 2---- 3---- 4---- 5---- 6---- 7---- 8----
 Output Voltage U:10.95 27.64
 Output Current A:1.043 0.106
 Out. Voltage no load U:15.24 39.29
 Sec. Voltage U:10.08 23.64
 Sec. Current A:1.609 0.16
 Current dencity A/mm²:4.07 4.55
 Sec. Voltage cold U:10.4 24.6
 Load on output Ω:6.065 145.7
 Power factor of load :1.000 1.000
 Icc cold A:9.71 0.91
 Cu-Losses warm W:1.569 .513
 Resistance cold Ω:.4692 15.50
 Reactance Ω:.2395 5.846
 Eddy-Current Factor :1. 1.
 Capacitor mF:5.122 .198