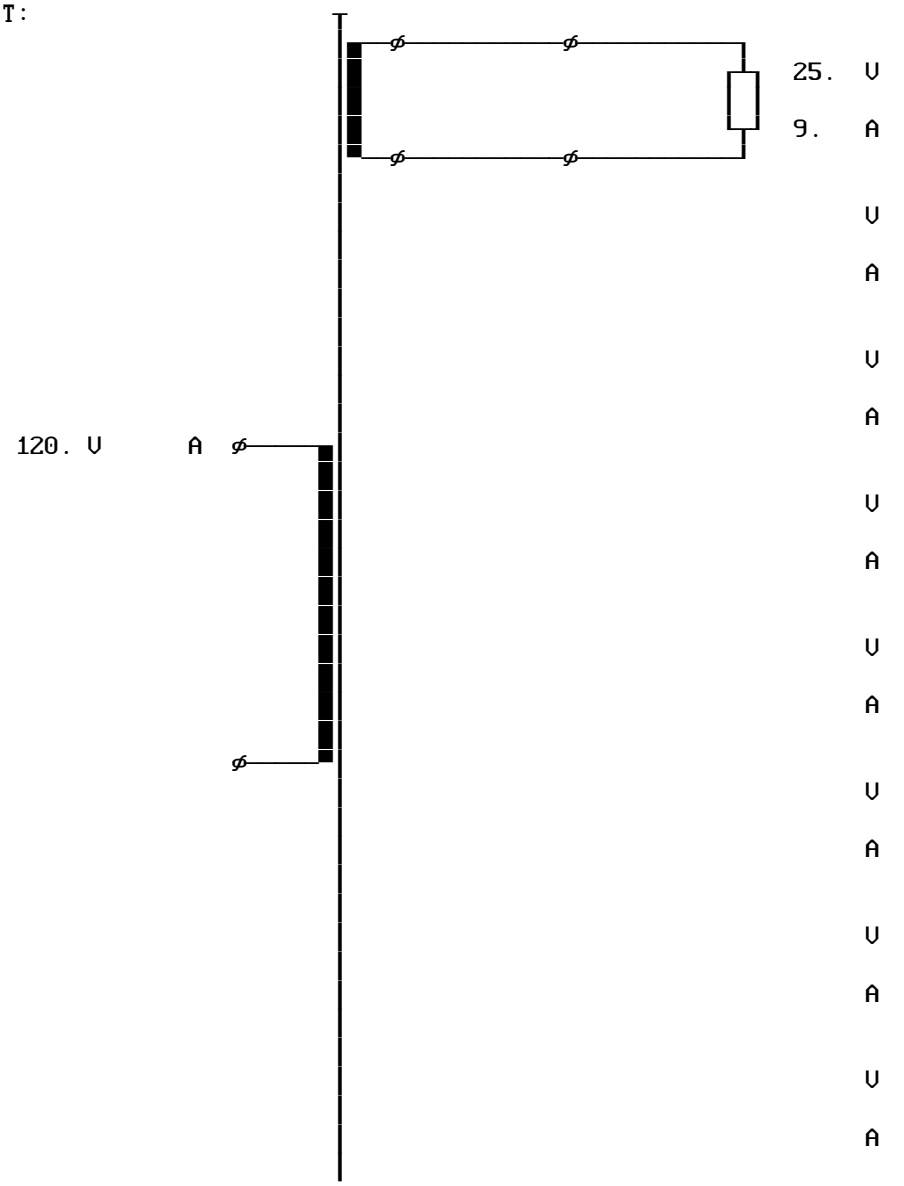
PRIMARY	U(V)	I(A)
Circuit-:1	120.	
Overult*:1.00	.	
Wire :0.0	.	
I/L. µ:0.	.	
I/E. µ:300.	.	
Formfac.:1.11	.	
Fre.Hz:50000	.	
dI/Io %:100	.	

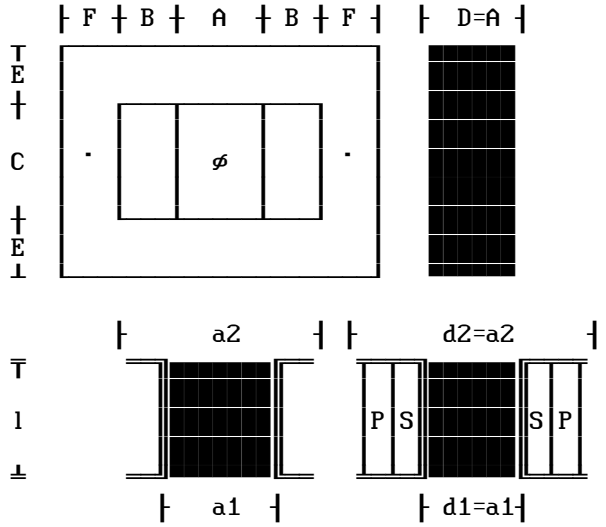
SECOND. 1--- 2--- 3--- 4--- 5--- 6--- 7--- 8---
Circuit-:11
Volta. V:25.
Curre. A:9.
Wire :0
I/L µ:0.0
I/E µ:0.0
1 1 1 1 1 1

Regulat. %:50.0	Steel -:2	Cooling *:1.00	Bobbin -:1
Udiode V:0.8	Induction T:0.25	Force m/s:0.00	P/S-Order -:2
dUdiode V:.1	Remanence *:0.35	Bracket -:0	Rac/Rdc *:2.00
Ripple %:5.	W/kg *:1.00	Radiator -:0	Space *:0.90
Tmp. Amb.°C:40	VAr/kg *:1.00	Chassis -:2.00	Vertical -:1
Tmp.rise °K:60	Gap *:9.00	Channel cm:0.00	Horizontal -:1
Time 1 Min:30.0	Annealed -:1	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 -:2
Load 2 *:1.0	Assembly -:1	Case -:0	Criterion -:3

CIRCUIT:



Name :1XETD 29 B66358
Steel :PC40 <TDK 500kHz >



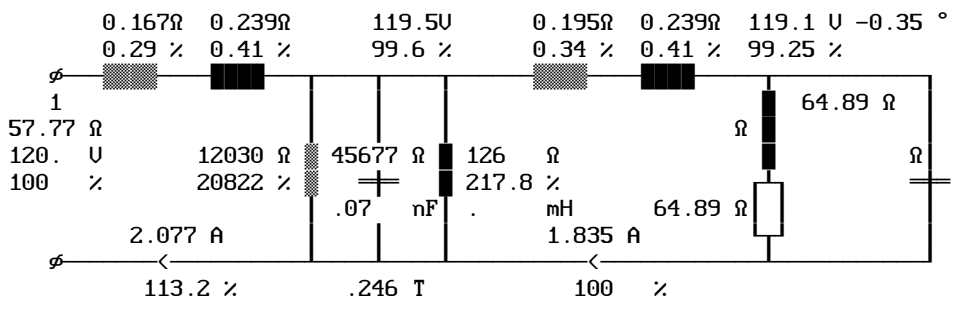
	/1.
Weight	gr:32.8
Gap total	cm:0.000
A-Limb	cm:0.98
B-Width	cm:0.61
C-Height	cm:2.14
D-Stack	cm:0.98
E-Yoke 1	cm:0.53
F-Yoke 2	cm:0.43
G-Hole	cm:0.00
Anglee	°:1.00
Radiator Fin	:0
Radiator Chan.	:0
a1	cm:1.18
a2	cm:2.16
d1	cm 1.18
d2	cm 2.16
l	cm:1.94
lp	cm:
ls	cm:
Margin	cm:0.10

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/ø mm	W/ø mm	W/L	L	I/L µ	I/E µ	Weight gr	RWH %
1	1	29.	C00	64.0	64.0	3	.375	.375	44	1.9		300	3.777	17.
2														
3														
4														
5														
6														
7														
8														
1	11	6.0	C00	64.0	64.0	11	.375	.375	44	1.4	.	.	2.528	17.
2														
3														
4														
5														
6														
7														
8														
TOTAL													6.305	40.

NOMINAL OPERATION at Temperature °C 96.3 and Overvoltage 1.00

Output Power on Load	W:218.6	Output Power of Transfor.	W:218.6
Cu Losses	W:1.38	Fe-Losses active	W:1.19
Short-Circuit-Volt. cold	%:0.87	Regulation	%:.75
Instantaneous pow. .5/95&	W:1257.	Efficiency of Transformer	%:98.84
dT Fe average Surface	°K:53.9	dT primary	°K:56.2
dT Gehäuse av. Surface	°K:.	dT secondary	°K:56.3



DUTY CYCLE OPERATION at Amb.Temperature °C 40. and Overvoltage 1.00

dT Fe average Surface	°K:54.	dT primary	°K:56.2
dT Gehäuse av. Surface	°K:.	dT secondary	°K:56.3

NO LOAD OPERATION at Amb.Temperature °C 40. and Overvoltage 1.00

Losses active	W:1.42	Losses reactive	VAr:112.6
Current factor	%:45.2	Induction	T:.247
dT Fe average Surface	°K:34.5	dT primary	°K:32.7
dT Gehäuse av. Surface	°K:.	Rezonance frequency	kHz:952.6

SHORT-CIRCUIT OPERATION at Amb.Temperature °C 40. and Overvoltage 1.00

Losses active	W:8537.	Losses reactive	VAr:27437
Current factor cold	%:11528	Induction	T:.126
dT Fe average Surface	°K:21383	dT primary	°K:22624
dT Case aver. Surface	°K:.	dT secondary	°K:22810

PRIMARY (Tap:1) 1---- 2---- 3---- 4---- 5---- 6---- 7---- 8-----	
Voltage Input/Output	V:120.
Out. Voltage no load	V:
Current Input/Output	A:2.077
Load on output	Ω:
Power factor of load	:
Current in segment	A:2.077
Current dencity A/mm^2	:6.29
Icc-Current cold	A:239.4
Io -Current	A:0.939
Inrush Current peak	^A:56.92
Inrush Current rms	A:27.44
Cu-Losses	W:.7
Resistance cold	Ω:.069
Reactance	Ω:.2395
Eddy-Current Factor	:1.86

SECONDARY 1---- 2---- 3---- 4---- 5---- 6---- 7---- 8-----	
Output Voltage	V:24.64
Output Current	A:8.871
Out. Voltage no load	V:24.78
Sec. Voltage	V:24.64
Sec. Current	A:8.871
Current dencity A/mm^2	:7.33
Sec. Voltage cold	V:24.7
Load on output	Ω:2.777
Power factor of load	:1.000
Icc cold	A:1155.
Cu-Losses warm	W:.656
Resistance cold	Ω:.0034
Reactance	Ω:.0103
Eddy-Current Factor	:1.86
Capacitor	mF:.