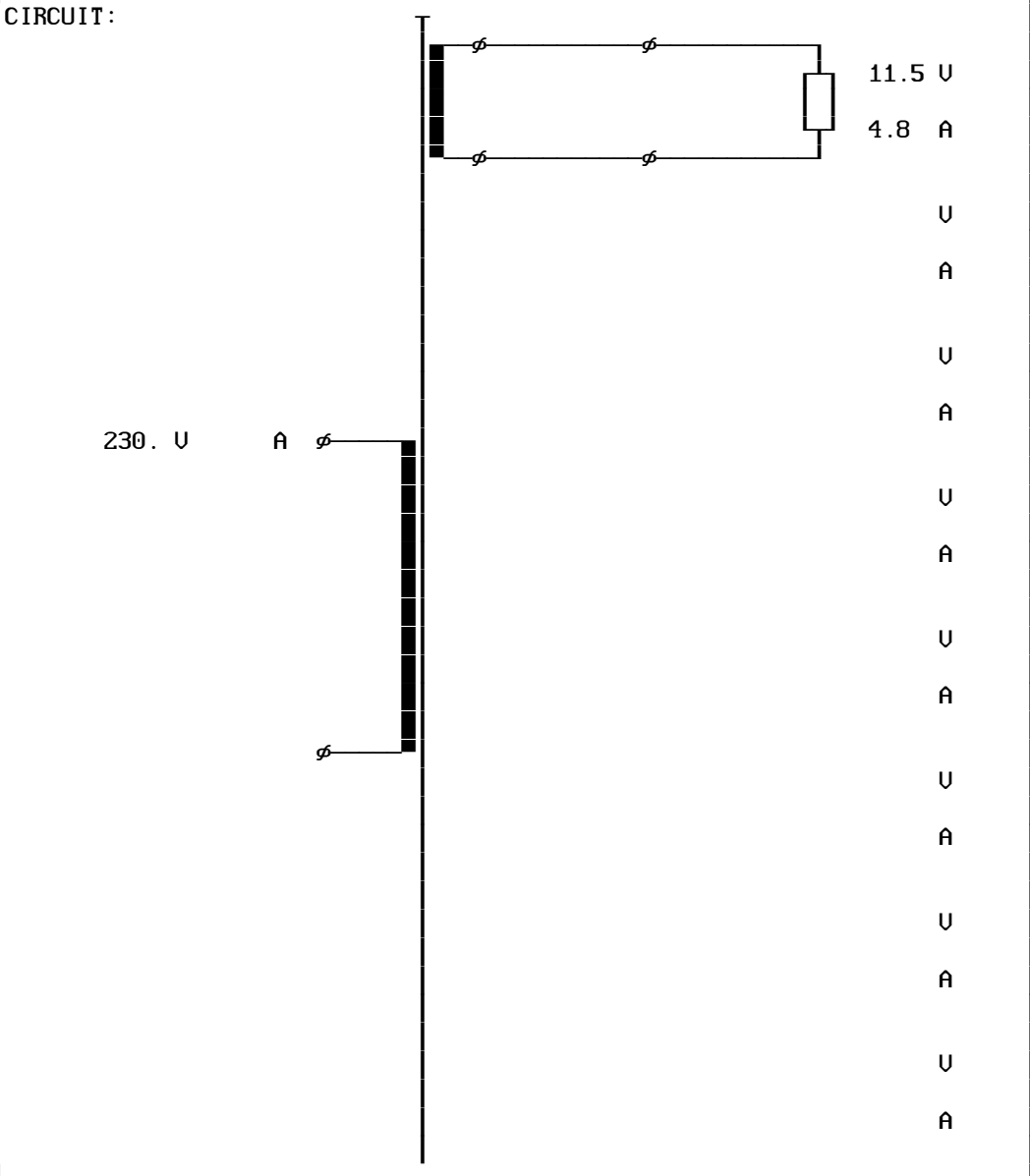


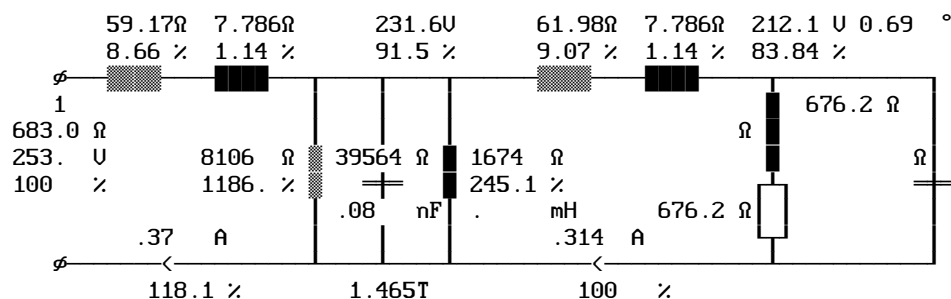
|                  |      |      |                |      |      |      |      |      |      |      |      |
|------------------|------|------|----------------|------|------|------|------|------|------|------|------|
| PRIMARY          | U(V) | I(A) | SECOND.        | 1--- | 2--- | 3--- | 4--- | 5--- | 6--- | 7--- | 8--- |
| Circuit-:1       | 230. |      | Circuit-:11    |      |      |      |      |      |      |      |      |
| Overvlt*:1.10    | .    |      | Volta. U:11.5  |      |      |      |      |      |      |      |      |
| Wire :0.0        | .    |      | Curre. A:4.8   |      |      |      |      |      |      |      |      |
| I/L. $\mu$ :0.   | .    |      | Wire :0        |      |      |      |      |      |      |      |      |
| I/E. $\mu$ :100. | .    |      | I/L $\mu$ :0.0 |      |      |      |      |      |      |      |      |
| Formfac.:1.11    | .    |      | I/E $\mu$ :0.0 |      |      |      |      |      |      |      |      |
| 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:1.46 | 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. -:7 |
| 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 -:2  |
| Load 2 *:1.0         | Assembly -:1     | Case -:0          | Criterion -:2  |





NOMINAL OPERATION at Temperature °C 109.4 and Overvoltage 1.10  
 Output Power on Load W:66.54 Output Power of Transfor. W:66.54  
 Cu Losses W:14.22 Fe-Losses active W:6.62  
 Short-Circuit-Volt. cold %:13.52 Regulation %:19.27  
 Instantaneous pow. .5/95& W:114.8 Efficiency of Transformer %:76.16  
 dT Fe average Surface °K:61.3 dT primary °K:69.9  
 dT Gehäuse av. Surface °K:. dT secondary °K:69.



DUTY CYCLE OPERATION at Amb.Temperature °C 40. and Overvoltage 1.10  
 dT Fe average Surface °K:61.2 dT primary °K:69.8  
 dT Gehäuse av. Surface °K:. dT secondary °K:69.

NO LOAD OPERATION at Amb.Temperature °C 40. and Overvoltage 1.10  
 Losses active W:11.08 Losses reactive UAr:58.54  
 Current factor %:63.58 Induction T:1.575  
 dT Fe average Surface °K:36.9 dT primary °K:39.1  
 dT Gehäuse av. Surface °K:. Rezonance frequency kHz:7.7

SHORT-CIRCUIT OPERATION at Amb.Temperature °C 40. and Overvoltage 1.10  
 Losses active W:682.9 Losses reactive UAr:118.6  
 Current factor cold %:739.7 Induction T:.813  
 dT Fe average Surface °K:350.6 dT primary °K:484.9  
 dT Case aver. Surface °K:. dT secondary °K:487.3

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:0.37  
 Load on output Ω:  
 Power factor of load :  
 Current in segment A:0.37  
 Current dencity A/mm<sup>2</sup>:7.56  
 Icc-Current cold A:2.74  
 Io -Current A:0.235  
 Inrush Current peak ^A:4.02  
 Inrush Current rms A:1.82  
 Cu-Losses W:8.1  
 Resistance cold Ω:44.59  
 Reactance Ω:7.786  
 Eddy-Current Factor :1.

SECONDARY 1---- 2---- 3---- 4---- 5---- 6---- 7---- 8----  
 Output Voltage U:12.63  
 Output Current A:5.27  
 Out. Voltage no load U:14.83  
 Sec. Voltage U:12.63  
 Sec. Current A:5.27  
 Current dencity A/mm<sup>2</sup>:6.71  
 Sec. Voltage cold U:13.1  
 Load on output Ω:2.396  
 Power factor of load :1.000  
 Icc cold A:45.69  
 Cu-Losses warm W:6.099  
 Resistance cold Ω:.1658  
 Reactance Ω:.0276  
 Eddy-Current Factor :1.  
 Capacitor mF:.