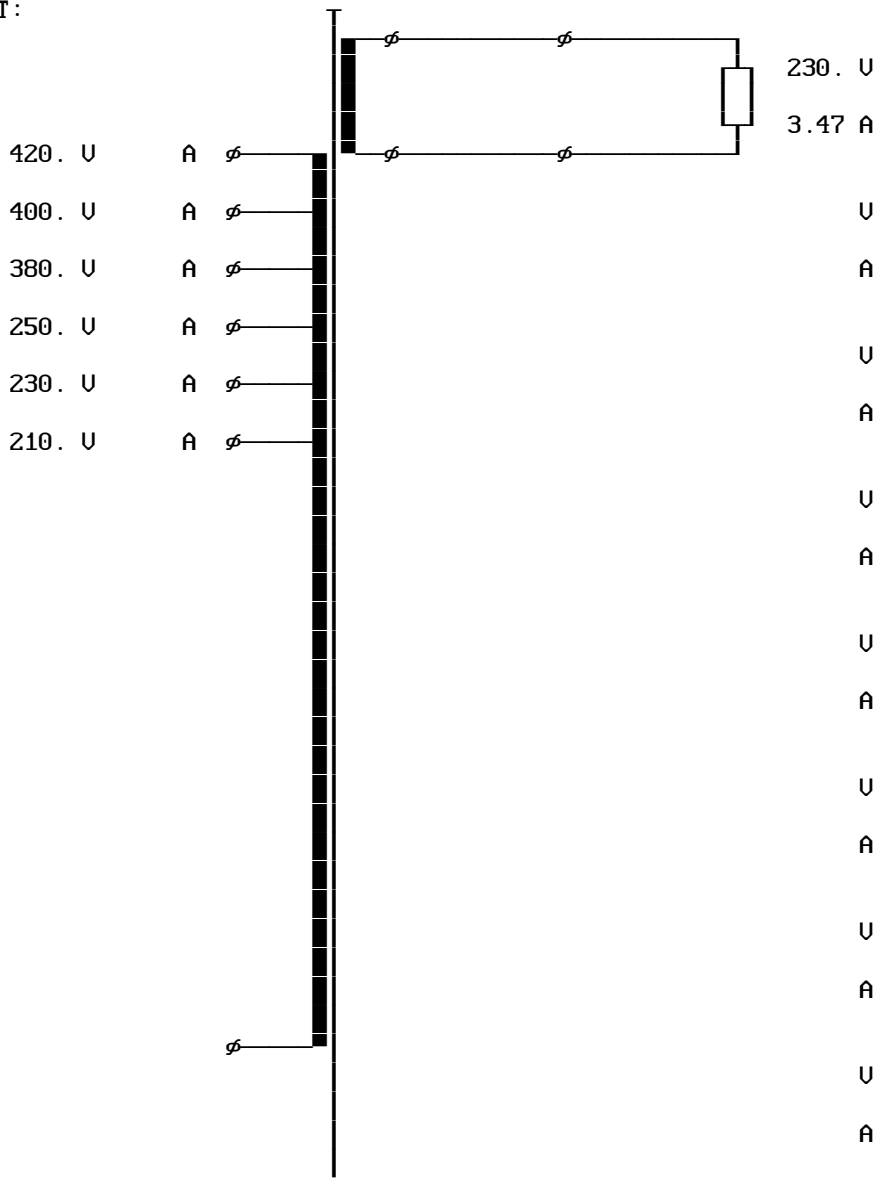


| | | | | | | | | | | | |
|------------------|------|------|-----------------|------|------|------|------|------|------|------|------|
| PRIMARY | U(V) | I(A) | SECOND. | 1--- | 2--- | 3--- | 4--- | 5--- | 6--- | 7--- | 8--- |
| Circuit-:1 | 210. | | Circuit-:11 | | | | | | | | |
| Overult*:1.10 | 230. | | Volta. U:230. | | | | | | | | |
| Wire :0.0 | 250. | | Curre. A:3.47 | | | | | | | | |
| I/L. μ :0. | 380. | | Wire :0 | | | | | | | | |
| I/E. μ :100. | 400. | | I/L μ :0.0 | | | | | | | | |
| Formfac.:1.11 | 420. | | I/E μ :300. | | | | | | | | |
| Fre.Hz:50 | . | | | | | | | | | | |
| dI/Io %:100 | . | | | 1 | 1 | 1 | 1 | 1 | 1 | | |

| | | | |
|-----------------|------------------|-------------------|----------------|
| Regulat. %:10.0 | Steel -:1 | Cooling *:1.00 | Bobbin -:1 |
| Udiode U:0.8 | Induction T:1.48 | Force m/s:0.00 | P/S-Order -:2 |
| dUdiode U:.1 | Remanence *:0.05 | Bracket -:1 | 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 -:1 |
| Tmp.rise °K:70 | Gap *:2.00 | 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 -:2 |
| Load 2 *:1.0 | Assembly -:2 | Case -:0 | Criterion -:0 |

CIRCUIT:

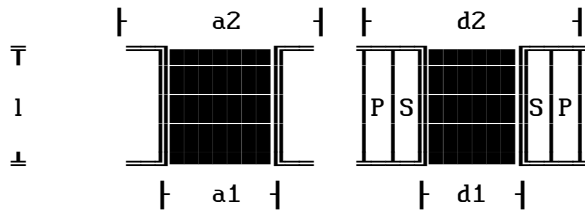
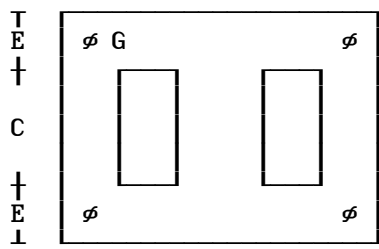


Name :1XEI 150Nb/66.6 33.3/3
 Steel :M 165-35 =>M6 0.014" 35G165

/ .35

| F | B | A | B | F | | D | |

Weight gr:7363.7
 Gap total cm:0.000
 A-Limb cm:5.00
 B-Width cm:2.50
 C-Height cm:7.50
 D-Stack cm:6.65
 E-Yoke 1 cm:2.50
 F-Yoke 2 cm:2.50
 G-Hole cm:0.80
 Anglee °:1.00
 Radiator Fin :0
 Radiator Chan. :0
 a1 cm:5.50
 a2 cm:9.70
 d1 cm 7.05
 d2 cm 12.40
 l cm:6.90
 lp cm:
 ls cm:
 Margin cm:0.30

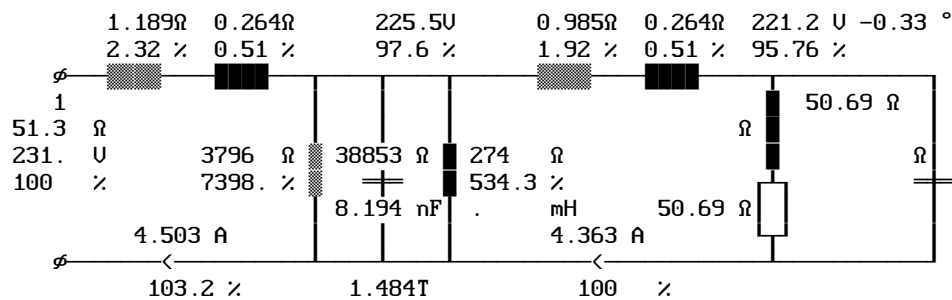


X- Length 1 cm:
 Y- Width 1 cm:
 Z- Height 1 cm:
 x- Length 2 cm:
 y- Width 2 cm:
 z- Height 2 cm:
 w- Thickness cm:
 Material :
 Potted :

| | Typ | Turns | MTI | DN | DN | Par | T/φ mm | W/φ mm | W/L | L | I/L μ | I/E μ | Weight gr | RWH % |
|---|-----|-------|-----|------|------|-----|-----------|-----------|-----|-----|----------|----------|--------------|----------|
| 1 | 1 | 213.4 | C00 | 87.0 | 87.0 | 1 | 1.32 | 1.32 | 47 | 4.5 | | 100 | 818.96 | 35. |
| 2 | 1 | 235.8 | C00 | 87.0 | 87.0 | 1 | 1.32 | 1.32 | 47 | .48 | | 100 | 94.048 | 7.1 |
| 3 | 1 | 253.2 | C00 | 87.0 | 87.0 | 1 | 1.32 | 1.32 | 47 | .37 | | 100 | 72.559 | 7.1 |
| 4 | 1 | 388.9 | C00 | 77.0 | 77.0 | 1 | .75 | .75 | 82 | 1.6 | | 100 | 186.74 | 4.1 |
| 5 | 1 | 404.8 | C00 | 77.0 | 77.0 | 1 | .75 | .75 | 82 | .19 | | 100 | 22.331 | 4.1 |
| 6 | 1 | 427.1 | C00 | 77.0 | 77.0 | 1 | .75 | .75 | 82 | .28 | | 100 | 32.659 | 4.1 |
| 7 | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | |
| 1 | 11 | 244.0 | C00 | 86.0 | 86.0 | 1 | 1.25 | 1.25 | 50 | 4.8 | . | 300 | 715.63 | 33. |
| 2 | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | |

TOTAL: Area of the cooling channels cm2 : 0.0 / 0. 1942. 86.

NOMINAL OPERATION at Temperature °C 107. and Overvoltage 1.10
 Output Power on Load W:965.2 Output Power of Transfor. W:965.2
 Cu Losses W:42.87 Fe-Losses active W:13.4
 Short-Circuit-Volt. cold %:3.3 Regulation %:4.42
 Instantaneous pow. .5/95& W:2664. Efficiency of Transformer %:94.49
 dT Fe average Surface °K:48.9 dT primary °K:67.5
 dT Gehäuse av. Surface °K:. dT secondary °K:66.6



DUTY CYCLE OPERATION at Amb.Temperature °C 40. and Overvoltage 1.10
 dT Fe average Surface °K:49. dT primary °K:67.5
 dT Gehäuse av. Surface °K:. dT secondary °K:66.6

NO LOAD OPERATION at Amb.Temperature °C 40. and Overvoltage 1.10
 Losses active W:15.05 Losses reactive UAr:209.7
 Current factor %:20.21 Induction T:1.518
 dT Fe average Surface °K:18.3 dT primary °K:16.
 dT Gehäuse av. Surface °K:. Resonance frequency kHz:1.9

SHORT-CIRCUIT OPERATION at Amb.Temperature °C 40. and Overvoltage 1.10
 Losses active W:29905 Losses reactive UAr:9809.
 Current factor cold %:3025. Induction T:702
 dT Fe average Surface °K:1482. dT primary °K:2188.
 dT Case aver. Surface °K:. dT secondary °K:2325.

PRIMARY (Tap:1) 1---- 2---- 3---- 4---- 5---- 6---- 7---- 8----
 Voltage Input/Output U:231. 253. 275. 418. 440. 462.
 Out. Voltage no load U:
 Current Input/Output A:4.503
 Load on output Ω:
 Power factor of load :
 Current in segment A:4.503 0. 0. 0. 0. 0.
 Current dencity A/mm²:3.31 0. 0. 0. 0. 0.
 Icc-Current cold A:136.2
 Io -Current A:0.91
 Inrush Current peak ^A:94.49
 Inrush Current rms A:41.08
 Cu-Losses W:24.1
 Resistance cold Ω:.8805 .9816 1.059 2.969 3.197 3.531
 Reactance Ω:.2638 .0029 .0018 .1058 .0015 .003
 Eddy-Current Factor :1. 1. 1. 1. 1. 1.

SECONDARY 1---- 2---- 3---- 4---- 5---- 6---- 7---- 8----
 Output Voltage U:252.9
 Output Current A:3.816
 Out. Voltage no load U:263.7
 Sec. Voltage U:252.9
 Sec. Current A:3.816
 Current dencity A/mm²:3.13
 Sec. Voltage cold U:255.7
 Load on output Ω:66.28
 Power factor of load :1.000
 Icc cold A:119.0
 Cu-Losses warm W:18.76
 Resistance cold Ω:.9562
 Reactance Ω:.3449
 Eddy-Current Factor :1.
 Capacitor mF:.