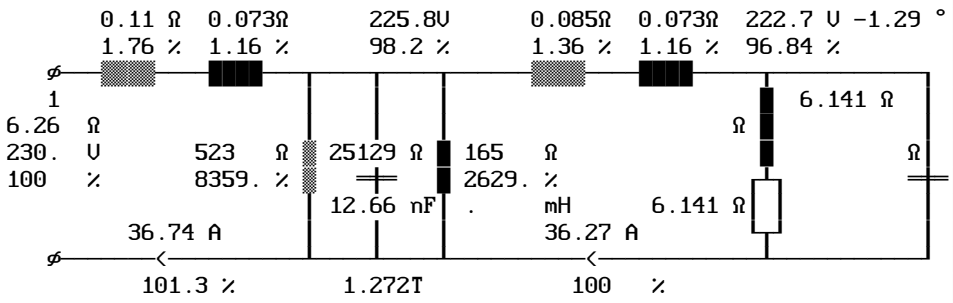
NOMINAL OPERATION at Temperature °C 94.5 and Overvoltage 1.00

| | | | |
|---|---|---|---|
| Output Power on Load | W:8078. | Output Power of Transfor. | W:8078. |
| Cu Losses | W:260.0 | Fe-Losses active | W:97.46 |
| Short-Circuit-Volt. cold | %:3.32 | Regulation | %:3.27 |
| Instantaneous pow. .5/95& | W:17132 | Efficiency of Transformer | %:95.76 |
| dT Fe average Surface | °K:50.9 | dT primary | °K:54.2 |
| dT Gehäuse av. Surface | °K:. | dT secondary | °K:54.8 |




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

| | | | |
|---|---|---|---|
| dT Fe average Surface | °K:50.9 | dT primary | °K:54.2 |
| dT Gehäuse av. Surface | °K:. | dT secondary | °K:54.8 |

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

| | | | |
|---|---|---|---|
| Losses active | W:101.2 | Losses reactive | VAr:323.9 |
| Current factor | %:4.02 | Induction | T:1.294 |
| dT Fe average Surface | °K:21.3 | dT primary | °K:16. |
| dT Gehäuse av. Surface | °K:. | Rezonance frequency | kHz:2. |

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

| | | | |
|---|---|---|---|
| Losses active | W:18139 | Losses reactive | VAr:17857 |
| Current factor cold | %:3012. | Induction | T:.599 |
| dT Fe average Surface | °K:3789. | dT primary | °K:4329. |
| dT Case aver. Surface | °K:. | dT secondary | °K:4348. |

| PRIMARY (Tap:1 ) 1---- 2---- 3---- 4---- 5---- 6---- 7---- 8----- | |
|---|---|
| Voltage Input/Output | V:230. |
| Out. Voltage no load | V: |
| Current Input/Output | A:36.74 |
| Load on output | Ω: |
| Power factor of load | : |
| Current in segment | A:36.74 |
| Current dencity | A/mm^2:2.04 |
| Icc-Current cold | A:1106. |
| Io -Current | A:1.475 |
| Inrush Current peak | ^A:284.5 |
| Inrush Current rms | A:117.1 |
| Cu-Losses | W:148.3 |
| Resistance cold | Ω:.0837 |
| Reactance | Ω:.0729 |
| Eddy-Current Factor | :1.01 |

| SECONDARY 1---- 2---- 3---- 4---- 5---- 6---- 7---- 8----- | |
|---|---|
| Output Voltage | V:231.0 |
| Output Current | A:34.96 |
| Out. Voltage no load | V:238.4 |
| Sec. Voltage | V:231.0 |
| Sec. Current | A:34.96 |
| Current dencity | A/mm^2:1.98 |
| Sec. Voltage cold | V:232.8 |
| Load on output | Ω:6.609 |
| Power factor of load | :1.000 |
| Icc cold | A:1066. |
| Cu-Losses warm | W:111.7 |
| Resistance cold | Ω:.0694 |
| Reactance | Ω:.0785 |
| Eddy-Current Factor | :1.01 |
| Capacitor | mF:. |