| | |
|---|---|
| **Transformer code:** | HJ4AIAGBA |
| **Description:** | Green T.HE-EU2 AAA kVA 800 kV 20/0,4 |
| **Line commercial offer:** | 5 |

| | | | |
|---|---|---|---|
| **GENERAL DATA OF THE TRANSFORMER AND CLASS STANDARDS** | | | |
| Losses Family | | | GreenT.HE (EU) |
| Type of cooling | | | AN |
| Number of phases | | | 3 |
| Nominal rating Sr | | [kVA] | 800 |
| Nominal frequency fr | | [Hz] | 50 |
| THDv | | [%] | <5% |
| Compliance | | | IEC 60076-11 / EU 548 |
| Environmental Class - Climatic - Fire Comp. | | | E3-C2-F1 |
| Seismic resistance class | | | < 0.2g (light earthquakes) |
| **ENVIRONMENTAL DATA** | | | |
| Altitude up to m | | [m] | 0 ÷ 1000 |
| Type of installation | | | Indoor |
| Maximum environmental temp. / monthly average / annual average | | [°C] | 40 - 30 - 20 |
| **DATA OF WINDINGS** | | | |
| Nominal rating | | [kVA] | 800 |
| Nominal voltage (no-load Ur) | | [kV] | 20 |
| Tapping | | | ±2x2,5% |
| Insulation levels | | [kV] | 24 / 50 / 125 - L2 |
| Nominal rating | | [kVA] | 800 |
| Nominal voltage (no-load Ur) | | [V] | 400 |
| Insulation levels | | [kV] | <1,1 / 3 / - |
| Material | | | Al / Al |
| Temp. of the insulating system | | [°C] | 155°C (F) /155°C (F) |
| Overflow limits Average | | [K] | 100 K / 100 K |
| Type | | | Casted / impregnated |
| Connection | | | Triangle / Star |
| Connection symbol | | | Dyn11 |
| **TECHNICAL DATA** | | | |
| P0 no-load loss | | [W] | 1170 (tolerance 0%) |
| Unloaded current I0 | | [%] | 0.60 (tolerance +30%) |
| Load losses Pk | | [W] | 8000 (tolerance 0%) |
| Short-circuit voltage Uk | | [%] | 6.00 (tolerance +/-10%) |
| Peak efficiency index PEI | | [%] | - |
| Sup. sound power LwA / Sound pressure LpA | | [dB(A)] | 64 / 50 |
| Sup. of partial discharges | | [pC] | < 5 |
| **PRELIMINARY DIMENSIONAL DATA** | | | |
| Degree of Protection IP 00 | LxWxH. | [mm] | 1600 x 1000 x 1750 |
| Degree of Protection Box IP | LxWxH. | [mm] | x x |
| Transformer mass | | [kg] | 2300.00 |
| Box mass | | [kg] | |
| Wheel center distance | | [mm] | 820 x 820 |
| Carpentry treatment Magnetic core | | | 9005 |
| Painting box | | | 9005 |

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