Technical data of dry Transformer

1. Power 630 kV type ТСЗ 630/10
2. The nominal voltage of TR is 10/0.4 kV
3. The nominal current of TR is 36.4/909 A
4. Connection group
5. Voltage Regulation ПБВ +- 5%

|  |  |  |
| --- | --- | --- |
|  | H/V | L/V |
| 1 | 10 500 | 400 V |
| 2 | 10 250 |
| 3 | 10 000 |
| 4 | 9 750 |
| 5 | 9 500 |

1. 6. Frequency 50 Hz
2. 7. Short-circuit voltage Uk%-7.07% - permissible difference within +- 10%
3. 8. The output of high and low voltage windings should be on the racks
4. 9. Outputs of high voltage windings should be placed horizontally in the upper part of the transformer.
5. 10. Outputs of low voltage windings should be arranged vertically in the upper part of the transformer and neutral output should be installed above phase outputs.
6. 11. The transformer should be enclosed in a protective casing
7. Casing dimensions are: 2X2.1X1.05 m

13. The winding of the transformer should preferably be made of copper, but the option of aluminum is also considered. (with thermal insulation)

14. Transformer insulation, lightened (so-called dry) insulation thermal resistance class "В"

15. The transformer must work underground, in a closed space, it must be of moisture-resistant so-called tropical performance.

16. Altitude 1000 m above sea level