Transforming the best of two worlds into one solution. Siemens Transformers.

Large Distribution Transformers.

Power Transmission and Distribution
Knowledge and technology, swiftness and simplicity

Siemens, pioneer and leader in the electrotechnical industry, has more than 100 years experience designing and manufacturing power and distribution transformers. Currently it has 18 manufacturing locations worldwide, strategically located to attend global demand, fulfilling the strictest standards with the best quality indicators at global level.

Smaller dimensions, same performance

Developed in cooperation between the Siemens factories of Portugal, Colombia, Brazil and Pakistan, the Large Distribution Transformer (LDT) concept offers the best of two worlds: the performance of the power transformers, with the simplicity, standardization and rationalization of costs and dimensions of the distribution transformers. Concepts such as DFM (Design for Manufacturing), tridimensional CAD (Computer Aided Design) and FEA (Finite Elements Analysis) were used in conceptualization of this product.

Simplicity, flexibility and speed in design give our customers the possibility to obtain better prices and delivery times.

With costs compatible to their budgets, customers can now acquire a medium-sized power transformer, with the habitual Siemens quality guarantee, but more competitive in price and delivery time. Everything thanks to LDT technology.

Technical characteristic:

- From 5 to 30 MVA (ONAN/ONAF)
- Maximum service voltage 145 kV (AC/LI 275/650 kV)
- LV windings preferable foil or layer execution
- HV windings preferable layer or discs execution (including transposed conductors)
- No load or onload tapping (NLTC or OLTC)

Productivity improvement:

- High rationalization of engineering costs (electrical and mechanical design hours)
- High rationalization of production costs (process hours, material and pieces quantity)
Siemens technician checks the control cabinet

15/20 MVA LDT, 46 +/- 8 x 1.875 % / 6.3 kV, OLTC, for Ecuador

Double-tier transformer, with forced-air ventilation, 9/12 MVA, for Costa Rica
If you have any question about Power Transmission and Distribution, our Customer Support Center is available around the clock.

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(Subject to charge: e.g. 12 ct/min)

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The information in this document contains general descriptions of the technical options available, which do not always have to be present in individual cases. The required features should therefore be specified in each individual case at the time of closing the contract.