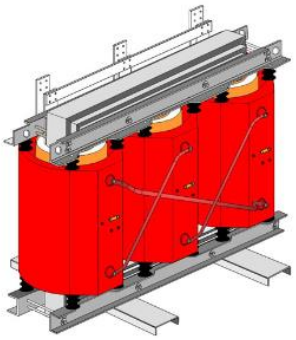
**SDT Small Distribution Transformers**
Single phase transformers, made usually with wound core system and rectangular windings. Specially in use in the British Standard countries as in USA, particularly adapted for small power
Power range: Usually from 50 to 200 kVA within 35 kV
Main use: Distribution in rural areas and countryside
Main advantages: Small production costs with possibility of good automation

**DST Distribution Transformers**
Usually three phase transformers, immersed in liquid oil as dielectric insulation and enclosed in a tank with cooling system. Recently made hermetically sealed for reduced maintenance and better quality.

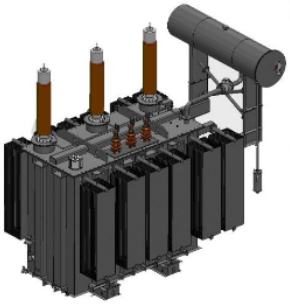
Power range: Usually from 250 to 2500 kVAwithin 35 kV
Main use: Distribution of energy in cities and centre with different houses
Main advantages: Great extension of use in different outdoor application

**DTH Dry Type Transformers H class insulation**
Usually three phase transformers, but instead of being immersed in oil, the HV side is impregnated into an insulating varnish which will be its dielectric insulation along with open air.

Power range: Usually from 250 to 4000 kVA within 35 kV
Main use: Underground systems, mines and skyscrapers.
Main advantages: Fireproof and explosion-proof, particularly adapted for Indoor applications

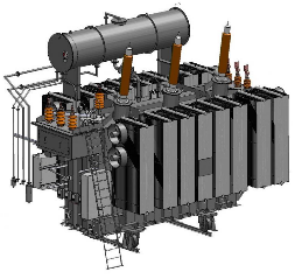


**CRT Cast Resin Transformers**
Usually three phase transformers, but instead of being immersed in oil, the HV side is cast into a resin which will be its dielectric insulation.
Power range: Usually from 250 to 4000 kVA within 35 kV
Main use: Underground systems, mines and skyscrapers.
Main advantages: Fireproof and explosion-proof, particularly adapted for Indoor applications



**LDT Large Distribution Transformers**
Three phase transformers, usually immersed in liquid oil as dielectric insulation and enclosed in a tank with cooling system.

Power range: Usually from 2500 to 20000 kVA within 35 kV
Main use: Grid interconnections, Industrial application, special application as furnace or railway..
Main advantages: Big power within the tension of distribution 35 kV



**MPT Medium Power Transformers**
Three phase transformers, adapted for grid interconnections for small distance Transmission lines till 220 kV.

Power range: Usually from 250 to 4000 kVA
Main use: Interconnecting grids.
Main advantages: Big power and high tension.

**LPT Large Power Transformers**
Three phase transformers, adapted for grid interconnections for large distance Transmission lines above 220 kV

Power range: Usually from 250 to 1000 MVA
Main use: Interconnecting grids and main power station.
Main advantages: Big power and high tension