PHASE SHIFT TRANSFORMER

BENEFIT OF PHASE SHIFT TRANSFORMER

Excellent structure, small size and high reliability:

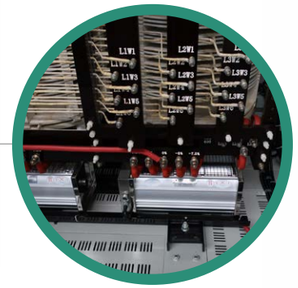
- With electromagnetic and structural optimization design, small size and lower noise.
- Same mold winding, the special support structure for coil end surface, high strength mechanical, high ability to withstand short-circuit, safe and reliable.
- Maintenance-free fastening body structure, keep reliable in the long-distance transport and operation.
- Lead lays out neatly, reasonable and nice.

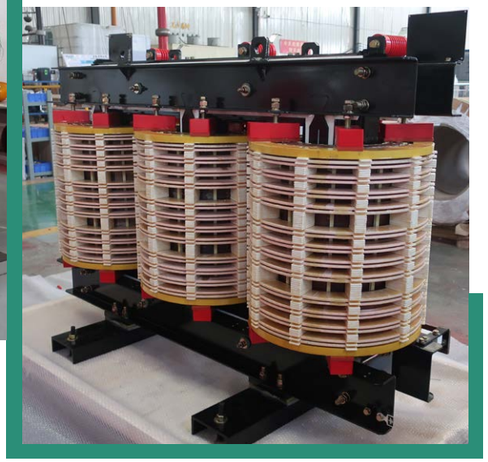
Vacuum Pressure Impregnated, High-quality material and good performance:

- Made of Class C Dupont insulation materials with big running temperature rise margin, strong overload capacity, high fire resistance, good thermal stability, and long service life.
- Adopted vacuum pressure impregnation Class C with UL insulating paint to ensure moisture proof, dust-proof, anti-contamination and low partial discharge.
- High-quality core made of silicon steel sheet and high-quality oxygen-free copper wire to reduce the effective operation loss and improve efficiency.

Good solution to harmonic influence:

- Made of high-performance silicon steel sheet material and lower magnetic flux density design so as to withstand over-voltage and harmonic influence unsaturated.
- Lower current density design and sufficient margin to make winding withstand additional temperature rise caused by harmonic.
- Advanced insulation structure that can withstand a variety of over-load insulation impact.





24 pulse phase shift rectifier transformer

TECHNICAL CHARACTERISTICS

Main Specification

Type	VPI dry type
Phase	Three phase
Frequency	50 or 60Hz
Rated Capacity	250 to 25MVA
Rated HV	3kV to 13.8kV
Rated LV	0.4kV to 10kV
Temperature Rise	125K
Cooling Mode	AN , AF
Insulation Class	H
Winding Connection Code	Y/E/yn
Impedance	6- 9%
Secondary Winding Available	6, 9, 12, 15, 18, 21, 24, 27, 36 winding
Maximum temperature	+50°C
Minimum temperature	-50°C
Standard	IEC, AS, EN, IEEE/ANSI, GOST