



## Safe And Non-polluting 3 Phase Medium And High Voltage Dry Type Transformer

Model:SC(B)30-6

The dry-type transformer consists of an iron core composed of silicon steel sheets and a coil cast with epoxy resin. An insulating cylinder is placed between the high and low coils to increase electrical insulation, and the coils are supported and restrained by a pad.

Because epoxy resin is flame retardant, flame retardant, self-extinguishing solid insulating material, that is, safe and clean. With oil-free, inflammable, low operating loss, outstanding disaster prevention ability, it is widely used in

high-rise buildings, airports, wharfs, power plants, residential areas or complete substations and other places.

### Product Introduction

Resin-insulated dry-type transformers are safe, non-flammable, fireproof, and pollution-free. It can be directly installed in the load center, maintenance-free, easy to install, low overall operating cost, low loss, good moisture-proof performance, can operate normally under 100% humidity, and can be put into operation after shutdown without pre-drying. Low partial discharge, low noise, strong heat dissipation capacity, 120% rated load operation under forced air cooling. Equipped with a complete temperature protection and control system, it provides a reliable guarantee for the safe operation of the transformer with high reliability.

### Product features

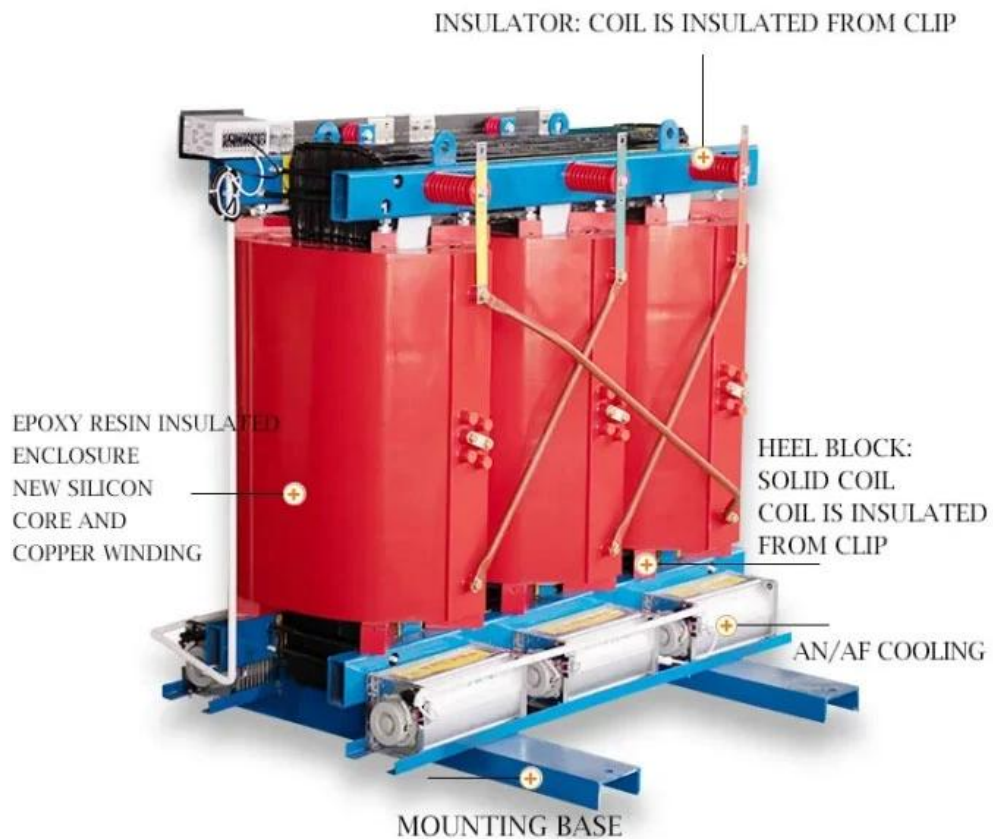
Main material and characteristics: Class F coil insulated copper wire as conductor, glass fiber and epoxy resin composite materials for insulation, its coefficient of expansion similar to the copper conductor. with good impact resistance, temperature changes, crack resistance. Glass fiber and epoxy resin constituent all have self-extinguishing, it does not continue to burn, it does not produce toxic gases and pollute the environment. Epoxy resin has good insulating properties, particularly suitable for the production of high-voltage level

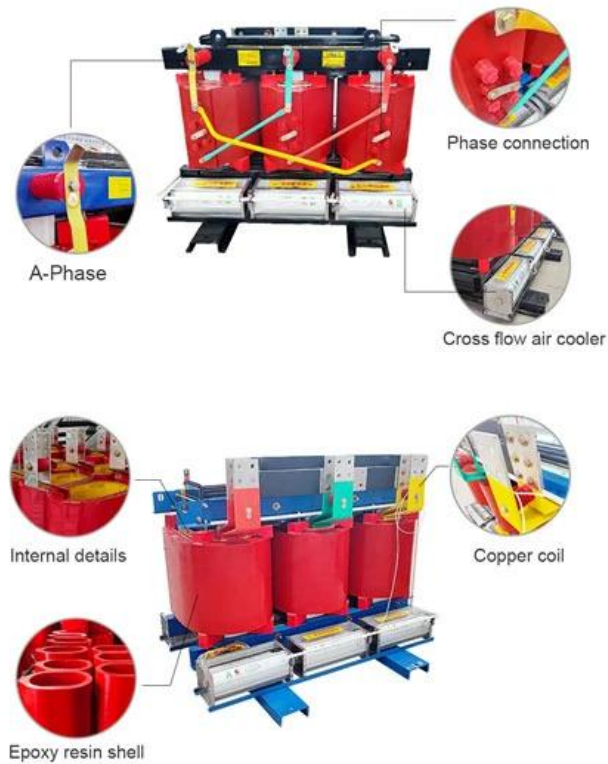
Manufacturing process: The winding wound on the high-accuracy winding machine, when winding pave cast grass fibre around the external and internal of the winding, there be armed air passage for transformer of large ca Then dry it in vacuum. The whole casting and solidifying process is performed according to the pi curve of casting control terminal, which transferred through computer network by process department every process can be monitored momentarily and adjusted for the various surroundings. The precise process ensures free bubble and free hole of

winding.

1. Safe, not combustible, fireproof can be installed directly in the load center
2. Maintenance-free, easy installation, low economic operation cost
3. Good moisture resistance can operate normally under 100% humidity
4. Low loss, low noise, good insulation, small local discharge, no pollution, loss
5. Good heat dissipation, strong overload capacity, under the condition of air cooling, can overload 50%
6. Reliable operation, with perfect temperature protection control system, can ensure the safe operation of the transformer
7. Small volume, lightweight, stable structure, strong lightning shock resistance, high mechanical strength, temperature change resistance, anti-sudden short circuit ability

### Product Details





### Technical Parameters

Rated capacity(KVA)	Voltage Combination and tap range			connection of transformer winding	No-load loss (w)	Load loss (W)	No-load current (%)	Short circuit impedance (%)
	High voltage(KV)	High voltage taps range (%)	Low voltage(KV)					
30					130	710	2.6	4
50					190	1000	2.2	4
80					260	1380	2.2	4
100					280	1570	2	4
125					330	1850	1.8	4
160					380	2130	1.8	4
200					435	2530	1.6	4
250	6				505	2760	1.6	4
315	6.6				615	3470	1.4	4
400	6.6	±5%			685	3990	1.4	4
500	10	±2x2.5	0.4	Dyn11	810	4880	1.4	4

630	10.5	%			940	5880	1.2	4
630	11				910	5960	1.2	6
800					1065	6960	1.2	6
1000					1240	8130	1.1	6
1250					1460	9690	1.1	6
1600					1715	1173	1.1	6
2000					2135	0	1.0	6
2500					2520	1445	1.0	6
						0		
						1717		
						0		

## Packaging & Shipping

### Packaging



### Shipping

By sea, Ninbo port, Shanghai port.

