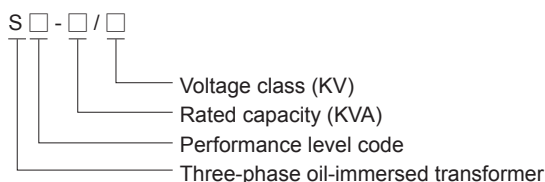


35KV S11 Series Oil-Immersed Distribution Transformer

Product introduction

The product conforms to the technical parameters and requirements of China National Standard GB1094 and GB/T6451, and a series of significant innovation is applied in aspects of material, design and structure. It has the features of high efficiency and low loss. It can save a lot of operation cost, and the social benefits are very significant. In conclusion, it is a nationally promoted new product and it is deeply favored by customers.

Model specification



Work condition

Installation type: indoor/outdoor/type
 Ambient temperature: $-25^{\circ}\text{C} \sim +40^{\circ}\text{C}$
 Altitude: $\leq 1000\text{m}$
 Installation site: in places without corrosive gases and obvious dusts.

Reference standards

1. Power transformer: GB1094.1 -2-1996, GB1094.3-2003, GB1094.5-2008
2. Three-phase oil-immersed transformers: GB/T6451-2008

Performance characteristics

1. The features of this product are high efficiency and low loss. It can save a lot of operation cost, and the social benefits are very significant.
2. The iron cores are made of the imported high-conduction magnetism, cold-roll, and grain-oriented silicon-steel sheets. The iron cores and windings adopt the vacuum drying and vacuum oil-filling processes, which make the internal moisture down to the very low level.
3. The conservator is hermetically sealed, which makes the internal running oil to insulate with oxygen and moisture efficiently.
4. The above features guarantee the transformer does not need to replace the oil during the operation, greatly decrease the maintenance cost, and prolong the service life.

Order information

Transformer type:
 Rated capacity: KVA
 Number of phases: three-phase ☐ single-phase ☐
 High voltage: KV Low voltage: KV
 Frequency: 50HZ ☐ 60HZ ☐
 Tapping range: $\pm 4 \times 2.5\%$ ☐ $\pm 3 \times 2.5\%$ ☐ other ☐
 Connection group: YynO ☐ Dyn11 ☐ other ☐
 Impedance voltage: standard ☐ other ☐

Technical parameters of S11-50-2500/35 series distribution transformers

Rated capacity (kVA)	Voltage combination (kV)			Connecting group	No-load loss (w)	Load-loss (W) (75 ℃)	Short circuit impedance (%)	No-load current (%)	Weight (kg)			Overall dimension (mm) Length × Width × Height	Gauge (mm)
	High voltage (kV)	Tapping (%)	Low voltage (kV)						Tare	Oil	Total		
50	35	± 5%	0.4	Dyn11 YynO	210	1270/1210	6.5	2.00	230	320	650	1150x720x1200	550x550
100					290	2120/2020		1.80	380	400	980	1200x740x1300	550x550
125					340	2500/2380		1.70	440	430	1100	1250x780x1380	550x550
160					360	2970/2830		1.60	510	460	1200	1300x800x1400	660x660
200					430	3500/3330		1.50	600	500	1400	1400x840x1500	660x660
250					510	4160/3960		1.40	690	530	1500	1530x860x1580	660x660
315					610	5010/4770		1.40	800	570	1670	1600x890x1630	660x660
400					730	6050/5760		1.30	930	650	1950	1730x950x1700	660x660
500					860	7280/6930		1.20	1070	710	2300	1800x980x1800	820x820
630					1040	8280		1.10	1300	830	2650	1900x1000x1850	820x820
800					1230	9900		1.0	1600	900	3100	1950x1060x1900	820x820
1000					1440	12150		1.00	1800	1080	3700	1980x1100x1950	820 x 820
1250					1760	14670		0.90	2100	1150	4000	2010x1160x1980	820x820
1600					2120	17550		0.80	2550	1250	4730	2040x1310x2000	820x820
2000					2500	20680		0.7	3100	1400	5600	2170x1380x2700	1070x1070
2500					2975	24500		0.6	3650	1500	6300	2300x1450x2900	1070x1070