



Single-Phase Pole Mounted Transformer

Features of Products

The single-phase pole-mounted distribution transformers are specifically designed for the decentralization distribution network of servicing residential overhead distribution loads of town and countryside.

They are also suitable for light and diversified power applications. These transformers are designed for the application conditions normally encountered on electric utility power distribution systems.

Offers 2 basic transformer types and two kinds of metal core types Conventional type and Complete Self Protect type, and for the transformer core

Two types of materials are available: C.R.G.O. wound core and amorphous metal core.

Standard

GB1094.1-2013; GB1094.2-2013; GB1094.3-2003; GB1094.5-2008; GB/T 1094.10-2003; JB/T 10317-2002; IEEE Std C57.12.00™ -2010; IEEE Std C57.12.90™ -2010; ANSI C57.12.00 C57.12.20; IEC60076; SANS 780 STANDARDS.

Features of Products

1. Meet or exceeds ANSI, IEC, GB, SANS Standards
2. Safe Handling, Installation and Operation.
3. Attractive, modern appearance
4. Reasonable Structure
5. Fully-sealed
6. Higher system reliability
7. High security and reliability in operation
8. High capacity of overload and efficiency
9. Robust construction having excellent short circuit and thermal withstand capabilities

D10 series 11kV single phase pole-mounted distribution transformer

Rating (kVA)	Voltage group		Vector group	Impedance voltage	Loss		No-load current (%)	Weight(kg)			(L×B×H) (mm) Outline dimension	Gauge vertical/horizontal
	High-Voltage	Low-voltage			No-load	load		Machine weight	Oil weight	Gross weight		
5	11 10.5 10 6.3 6	0.22 0.24	II0 II6	3.5	35	145	4	50	40	130	530×450×850	400/250
10					55	260	3.5	65	40	150	560×450×870	400/300
16					65	365	3.2	80	40	180	600×450×920	400/300
20					80	430	3.0	100	50	205	620×450×940	400/300
30					100	625	2.5	115	50	225	700×450×980	400/300
40					125	775	2.5	150	55	270	700×480×1040	400/300
50					150	950	2.3	175	70	310	650×510×1100	400/300
63					180	1135	2.1	190	80	340	660×520×1100	400/300
80					200	1400	2.0	240	100	420	770×530×1120	450/300
100					240	165	1.9	295	100	490	840×600×1150	450/300
125					285	1950	1.8	370	110	560	890×740×1160	500/400
160					365	2365	1.7	430	130	650	950×790×1170	500/400

Single phase oil immersed pole-mounted transformer

Rating (kVA)	HV(kV)	Tapping Range (%)	LV(kV)	Loss(kW)		Weight(kg)	
				No Load Loss	Full Load Loss	Oil Weight	Total Weight
15	33/19 30/17.32 13.2/7.62 11/6.35	±2×2.5% or other	0.12 0.24 0.48 or 0.12-0.24 0.24-0.48	0.03	0.195	45	294
25				0.05	0.4	68	362
37.5				0.65	0.5	75	476
50				0.8	0.6	93	553
75				0.12	0.88	132	672
100				0.21	1.12	141	742
167				0.35	1.41	207	952
250				0.5	2.0	375	1386

Note: For special requirements and technical problems please contact the company's technology department.