S13、S13-M

Series low loss energy-saving power transformer





Brief introduction to products

S13–M series full sealed transformer with good appearance, low price,significant energy–saving, magnetic uniformity, low no–load loss, low noise, low temperature–rise, free repair, high efficiency, small size. Using a new type of core material, Uniform distribution of magnetic circuit, so that greatly reduced the no–load exciting current and no–load loss. As the iron core for oblique five joint structure, so the transformer has the advantages of reliable operation, small size, light weight, low noise, good technology, good heat dissipation, low temperature–rise, without lifting the core structure, no environmental pollution, high efficiency, free repair.

Range of use: S13–M series of Henre transformer can be widely used in high–rise buildings, commercial center, subway, airport, station, industrial and mining enterprises, oil drilling platform, platform, particularly applicable to flammable, explosive and other fire safety requirements and the harsh environment of high places. It also be used for residential, commercial street, industrial and mining enterprises and the rural power and lighting purposes.

Structure and characteristics: The use of core quality grain oriented cold–rolled silicon steel sheet, oblique banding structure of non porous, the iron core is a multistage step type three or five joints, seams, air loss low, low noise; coil: shrink up enameled round copper wire, the use of high–quality QQ–2, oxygen free copper bar drawn flat copper coins or knot winding and, in the form of cylinder type, continuous, screw type, split type, with enough electric strength, mechanical strength and heat dissipation capability. Tank: welded together by high quality steel plate, elliptic, rectangular structure with radiating elements, using finned radiator, radiator or corrugated expansion tank, oil tank test reliable sealing in the factory, the internal and external surface by pickling, phosphating, three bottom side paint coating is leisure, corrosion resistance and beauty.

www.chinapeople.com

S13、S13-M

Series low loss energy-saving power transformer

Technical parameters of 10kV S13 off-circuit-tap-changing distribution transformer

rated capacity	voltage combination				no-load current	load loss	no-load loss	short-circuit resistance	Weight			track gauge	overall dimension
	high voltage	high voltage tapping range	low voltage	connection symbol					tare	oil	total		
30	6 6.3 10 10.5 11	±2 ×2.5%; or ±5%;	0.4	Yyn0 or Dyn11	80	600	2.1	4.0	150	75	320	400×400	730×480×950
50					100	870	2.0		210	89	370	400×400	758×510×920
63					110	1040	1.9		255	95	420	400×450	788×530×950
80					130	1250	1.8		280	120	490	400×450	808×580×970
100					150	1500	1.6		360	125	600	400×550	830×760×1160
125					170	1800	1.5		410	135	690	400×550	990×620×1040
160					200	2200	1.4		480	155	815	550×550	1070×680×1100
200					240	2600	1.3		563	168	920	550×650	1170×770×1300
250					290	3050	1.2		665	200	1020	550×650	1230×820×1190
315					340	3650	1.1		751	230	1160	550×650	1295×865×1240
400					410	4300	1.0		880	235	1385	550×750	1385×925×1250
500					480	5150	1.0		1100	260	1670	660×750	1560×1060×1360
630					570	6200	0.9	4.5	1255	310	1920	660×750	1615×1105×1350
800					700	7500	0.8		1585	465	2330	820×850	1725×1190×1390
1000					830	10300	0.7		1720	510	2680	820×850	1820×1290×1440
1250					970	12000	0.6		2075	625	2995	820×850	1860×1290×1540
1600					1170	14500	0.6		2215	640	3610	820×850	1340×1700×1560
2000					1550	18300	0.5		2965	805	4570	820×820	1660×1460×1850
2500					1830	21200	0.5		3600	895	5335	1070×1070	1750×1780×1900