



หม้อแปลงไฟฟ้าในระบบจำหน่าย 3 เฟส 400/230 โวลต์, 416/240 โวลต์



Accessories

- | | |
|---|--|
| 1. HV bushing | 2. LV bushing |
| 3. Lifting lugs | 4. Lifting eyes |
| 5. Oil drain valve | 6. Oil level guage |
| 7. Off-load tap changer | 8. Nameplate |
| 9. Bird guard cap | 10. Oil filling plug |
| 11. Support lug | 12. Earthing terminal |
| 13. Company plate & logo | 14. Thermometer pocket |
| 15. Rating plate | 16. Corrugated radiator |
| 17. Sludge drain plug | 18. Pressure relief valve |
| 19. Mounting bracket for surge arrester | 20. Earthing terminal for surge arrester |

Specification

Description	6.6 / 11 kV	22 kV	33 kV
Type of cooling	ONAN		
Type of oil	Mineral oil (Non PCB's)		
Number of phase	3		
Rated frequency (Hz)	50		
Connection symbol	Dyn11		
Relative humidity (Max) (%)	95		
Altitude (m)	Not exceeding 1,000m above sea level		
Class of insulation	Class A		
Ambient operating temperature (°C)	0 to 45		
Maximum temperature rise			
- Top oil (°C)	60		
- Winding (°C)	65		
Standard	IEC60076, TIS384		



TRANSFORMERS

THREE PHASE DISTRIBUTION TRANSFORMER

หม้อแปลงไฟฟ้า ขนาด 6,600 / 11,000 – 400/230 โวลต์

Technical data

Capacity (kVA)	No- load Losses at 75°C (W)	Load losses at 75°C (W)	Total loss at 75°C (W)	Impedance at 75°C	Efficiency (P.F.=1)		Voltage regulation at full load and P.F.=1 (%)	Outline Dimension Approx. In mm.			Oil Volume (Litres)	Total Weight (kg.)
					50% load (%)	100% load (%)		Ltr	Btr	Htr		
50	200	1,200	1,400	3.6-4.4	98.04	97.28	2.47	980	720	1,020	88	420
100	300	1,900	2,200		98.47	97.85	1.98	1,130	700	950	115	600
160	400	2,600	3,000		98.70	98.16	1.71	1,200	760	1,050	130	730
200	500	3,100	3,600		98.74	98.23	1.63	1,310	770	1,110	200	950
250	600	4,100	4,700		98.72	98.15	1.72	1,340	760	1,100	170	950
315	700	4,900	5,600		98.79	98.25	1.64	1,290	850	1,150	200	1,120
400	850	5,600	6,450		98.89	98.41	1.49	1,300	900	1,250	260	1,310
500	1,150	7,600	8,750	98.79	98.28	1.61	1,400	1,000	1,240	365	1,855	
630	1,350	9,500	10,850	98.83	98.31	1.71	1,500	1,025	1,200	375	1,855	
800	1,450	13,000	14,450	5.4-6.6	98.84	98.23	1.83	1,700	1,080	1,380	510	2,200
1,000	1,800	15,000	16,850		98.90	98.35	1.71	1,760	1,360	1,200	660	2,550

Note: The characteristics are for information only. Please contact to confirm actual data.

หม้อแปลงไฟฟ้า ขนาด 33,000 – 400/230 โวลต์, 416/240 โวลต์

Technical data

Capacity (kVA)	No- load Losses at 75°C (W)	Load losses at 75°C (W)	Total loss at 75°C (W)	Impedance at 75°C	Efficiency (P.F.=1)		Voltage regulation at full load and P.F.=1 (%)	Outline Dimension Approx. In mm.			Oil Volume (Litres)	Total Weight (kg.)
					50% load (%)	100% load (%)		Ltr	Btr	Htr		
50	170	950	1,120	3.6-4.4	98.40	97.81	1.98	1,120	720	1,140	130	580
100	260	1,550	1,810		98.72	98.22	1.63	1,210	790	1,210	160	770
160	370	2,100	2,470		98.89	98.48	1.40	1,250	810	1,300	210	980
250	520	2,950	3,470		99.00	98.63	1.27	1,350	860	1,290	300	1,200
315	630	3,500	4,130		99.05	98.71	1.20	1,490	810	1,580	470	1,830
400	750	4,150	4,900		99.11	98.79	1.13	1,600	870	1,670	600	2,300
500	900	4,950	5,850		99.15	98.84	1.08	1,715	950	1,550	650	2,350
630	1,050	5,850	6,900	5.4-6.6	99.21	98.92	1.14	1,750	960	1,720	700	2,700
1,000	1,300	12,150	13,450		99.14	98.67	1.43	2,000	1,120	1,800	900	3,400

Note: The characteristics are for information only. Please contact to confirm actual data.



หม้อแปลงไฟฟ้า ขนาด 22,000 – 400/230 โวลต์

Technical data

Capacity (kVA)	No- load Losses at 75°C (W)	Load losses at 75°C (W)	Total loss at 75°C (W)	Impedance at 75°C	Efficiency (P.F.=1)		Voltage regulation at full load and P.F.=1 (%)	Outline Dimension Approx. In mm.			Oil Volume (Litres)	Total Weight (kg.)
					50% load (%)	100% load (%)		Ltr	Btr	Htr		
50	160	950	1,110	3.6-4.4	98.43	97.83	1.98	980	720	1,020	88	420
100	250	1,550	1,800		98.74	98.23	1.63	1,130	700	950	115	600
160	360	2,100	2,460		98.91	98.49	1.40	1,200	760	1,050	130	730
250	500	2,950	3,450		99.02	98.64	1.27	1,340	760	1,100	170	950
315	700	3,900	4,600		98.95	98.56	1.33	1,290	850	1,150	200	1,120
400	850	4,600	5,450		99.01	98.66	1.24	1,300	900	1,250	260	1,310
500	1,150	6,600	7,750		98.89	98.74	1.41	1,400	1,000	1,240	365	1,855
630	1,350	8,500	9,850		98.91	98.46	1.56	1,500	1,025	1,200	375	1,855
800	1,450	12,000	13,450	5.4-6.6	98.90	98.35	1.71	1,700	1,080	1,380	510	2,200
1,000	1,600	13,500	15,100		99.01	98.51	1.56	1,760	1,360	1,200	660	2,550
1,250	1,800	16,000	17,800		99.08	98.60	1.49	1,950	1,400	1,740	930	4,000
1,500	2,100	19,500	21,600		99.08	98.58	1.51	2,200	1,480	1,680	970	4,500
1,600	2,300	21,000	23,300		99.07	98.56	1.59	2,300	1,500	1,750	1,000	4,700
2,000	2,700	22,700	25,400		99.17	98.75	1.31	2,465	1,475	2,020	1,390	5,600
2,500	3,200	30,800	34,000		99.21	98.87	1.25	2,660	1,610	2,480	2,055	7,470

Note: The characteristics are for information only. Please contact to confirm actual data.

