VaOpto
Transformer Manufacturer

World-class Transformer Manufacturer

Utility Transformers, Switchgears, & Generators

Catalog

2025-2026

VAOPTO
5178 West Patrick Lane
Las Vegas, NV 89118, USA
Ph: 702-517-5789
info@vaopto.com
www.vaopto.com

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About Us

Company Profile:

- Leading "vertically integrated" manufacturer
- Utility tramsformer for small, miedum, and large scale
- Started at Virginia in 2005 and relocated at Las Vegas, Nevada in 2010
- Vertically-integrated-world class tramsformer manufacturing facilities
- Certifications: cULus/cETLus/cTUVus/RoHS/FCC, etc.
- R&D support for customer projects and custom products design to OEM/ODM
- Standard: ANSI/IEEE/DOE2016/CSA/IEC60076
- Turn-key service available
- USA-assembly service available

Manufacture Facility:

- Duration in industry: 30+ years
- Space: 2,000,000 square ft
- Workers: 1,000
- R&D engineers: 200
- Capacity: 100,000 pcs annually
- Turnover: USD $800 million in 2023
- Certificats: ISO9001/ISO14001/ISO45001/OHSAS18000

SINGLE PHASE POLE MOUNTED TRANSFORMER

◆ Structure

◆ Definition

Single-phase pole mounted transformer serve as distribution transformer in the distribution network of decentralized power supply. It has many advantages, such as reducing the length of low-voltage distribution line losses and improving the power supply efficiency.

It is designed with high-efficiency and energy-saving wound core structure, featuring pole-type suspension installation, small volume, small capital investment,shorter low-voltage power supply radius, and over 99% reduction in low-voltage line loss. With a fully sealed structure, the transformer has strong overload capability, high reliability in continue operating and easy to maintenance.

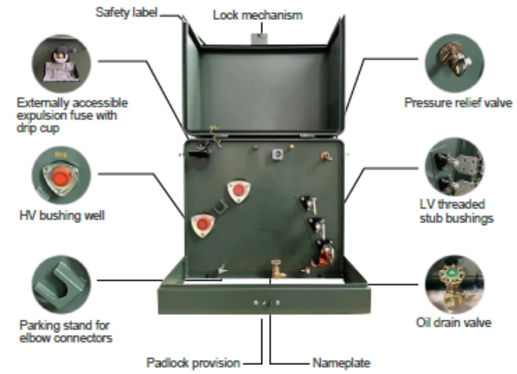
◆ Technical Data

VO-UT-1PLM-xKVA-xHkV-xLW

Capacity (KVA)	High Voltage (V)	Tapping Ranges	Low Voltage (V)	Loss (W)		Dimension (mm)			DOE2016 Efficiency
				No-load Loss (W)	On-load Loss (W)	W	D	H	
15	2400 4160 7200 7620 12000 12470 13200 13800 14400 19920 24940 34500	±2x2.5%	110 120 208 240 277 347 415 416 480 600 690	60 80 100 120 130 150	330 370 450 620 850 1150	520 560 610 635 754 770 795	565 590 625 975 840 965 890	905 935 935 1035 1035 1135 1135	98.82
25									98.95
37.5									99.05
50									99.11
75									99.19
100									99.25
167									99.33
250									99.39
333									99.43
500									99.49

SINGLE PHASE PAD MOUNTED TRANSFORMER

◆ Structure



◆ Definition

Single-phase pad-mounted transformer is the type with a clamshell cabinet for ease to opening and uninhibited access to connection. Versatility of the design allows for various protection and switching configuration.

It provides multi-service options while meeting the reliability and safety requirements of any distribution system. It has various ratings and with wide range of advanced configurations to meet customer's demands.

◆ Specification of 10kva to 167kva (or custom design)

VO-UT-1PDM-xKVA-xHkV-xLW

Capacity (KVA)	High Voltage (V)	Tapping Ranges	Low Voltage (V)	Loss (W)		Dimension (mm)			DOE2016 Efficiency
				No-load Loss (W)	On-load Loss (W)	W	D	H	
15	2400 4160 7200 7620 12000 12470 13200 13800 14400 19920 24940 34500	±2x2.5%	110 120 208 240 277 347 415 416 480 600 690	60 80 100 120 130 150	330 370 450 620 850 1150	610 610 610 610 610 740	740 740 760 810 960 940	840 840 840 840 840 840	98.82
25									98.95
37.5									99.05
50									99.11
75									99.19
100									99.25
167									99.33
250									99.39
333									99.43
500									99.49

THREE PHASE PAD MOUNTED TRANSFORMER

▲ Loop Feed Pad Mounted Transformer

▲ Radial Feed Pad Mounted Transformer

◆ Structure

◆ Definition

Three phase pad mounted transformers are designed and manufactured in compliance with all applicable ANSI and DOE2016 standards. All transformers are oil-filled, 65°C rise, and designed for usual service conditions per IEEE C57.12.00.

Ratings available are 30 through 3000 kVA (or custom design) with primary voltages 2.4 through 35 kV (150 kV BIL, or custom design) and secondary voltages up to 600 volts, or custom design. All standard tap configurations available: dual voltage in most combinations, dual voltage with taps only (series con-nection only) and impedance and loss options available in most designs.

◆ Technical Specification

VO-UT-3PDM-xKVA-xHkV-xLW

Rated Capacity (KVA)	Voltage Combined			Vector-group	No-load Loss (w)	Load Loss at 85°C(w)	Impedance (%)	Efficiency (%)
	High Voltage (V)	Tapping Ranges	Low Voltage (V)					
75	2400 4160 7200 7620 12000 12470 13200 13800 14400 19920 24940 34500	±2x2.5%	110 120 208 240 277 347 415 416 480 600 690	YNyn0 Dyn1	130	1000	4.0-6.3	99.03
150					200	1800		99.16
225					350	3100		99.23
300					430	3700		99.27
500					600	5410		99.35
750					880	7500		99.4
1000					1000	10300		99.43
1500					1400	14500		99.48
2000					1800	18300		99.51
2500					2300	23100		99.53
3150								
3750								

POWER TRANSFORMER

① 110KV Power Transformer

◆ Definition

VAOPTO 110kV Power transformers are designed and optimized by absorbing and utilizing advanced technologies at home and abroad to optimize the transformer core, coil, body, leads, fuel tank, and other components, which features follow low partial discharge, low loss, low noise, lightweight, and high reliability. Its excel-lent performance has won high praise from users and relevant experts.

This product has the characteristics of stability, economy, and environmental protection, and is suitable for power plants, substations, large industrial and mineralization enterprises, etc

◆ Technical Data Sheet

① Techical Data Of Three-phase Duplex Winding Power Transformer On-load Changer

VO-UT-3DWP-xKVA-110kV-xLkV

Rated Capacity (KVA)	Voltage Combined		Vector-group	No-load Loss (kw)	Load loss (75℃) (kw)	No load Current(%)	Short Circuit Impedance(%)
	HV(KV)	LV(KV)					
6300				10.0	36	0.80	
8000				12.0	45	0.80	
10000				14.2	53	0.74	
12500				16.8	63	0.74	
16000				20.2	77	0.69	
20000	110±8x1.25%	6.3 6.6 10.5 11	YNd11	24.0	93	0.69	10.5
25000				28.4	110	0.64	
31500				33.8	133	0.64	
40000				40.4	156	0.58	
50000				47.8	194	0.58	
63000				56.8	234	0.52	

② Techical Data Of Three-phase Three Winding Power Transformer On-load Changer

VO-UT-3TWP-xKVA-110kV-xLkV

Rated Capacity (kVA)	Voltage Combined			Vector-group	No-load Loss (kw)	Load loss (75℃) (kw)	No load Current(%)	Short Circuit Impedance(%)
	HV(KV)	MV(KV)	LV(KV)					
6300					12.0	47	0.95	
8000					14.4	56	0.95	
10000					17.1	66	0.89	
12500					20.2	78	0.89	
16000					24.2	95	0.84	
20000	110±8x1.25%	35 37 38.5	6.3 6.6 10.5 11	YNyn0d11	28.6	112	0.84	H-M 10.5 H-L 17.5-18.5 M-L 6.5
25000					33.8	133	0.78	
31500					40.2	157	0.78	
40000					48.2	189	0.73	
50000					56.9	225	0.73	
63000					67.7	270	0.67	

Note:

- 10 type products:no-load loss fell by 10 percent;Load loss by 5 per cent.
- 11 type products:no-load loss dropped 20%;Load loss by 5 per cent.

POWER TRANSFORMER

② 220KV Power Transformer

◆ Definition

VAOPTO 220kV power transformer, use Japanese Toshiba analysis software and our company special calculation and validation procedures to the transformer core, winding, implement body, lead, fuel tanks, etc. Parts of the optimal design and carry on tho omni-directional validation, ensure product performance. Superior process equipment.

Elaborate material selecting and efficient manufacturing.making the trans former has small volume, light weight, low loss, low partial discharge, low noise characteristics, the product quality is superior, energy conservation and environmental protection, easy installation and maintenance, reliable operation and effectively reduced products running costs.

This product has the characteristics of stability, economy, and environmental protection, and is suitable for power plants, substations, large industrial and mineralization enterprises, etc

◆ Technical Data Sheet

① Techical Data Of Three-phase Duplex Winding Power Transformer On-load Changer

VO-UT-3DWP-xKVA-220kV-xLkV

Rated Capacity (kVA)	Voltage Combined		Vector-group	No-load Loss (kw)	Load loss (75℃) (kw)	No load Current(%)	Short Circuit Impedance (%)
	HV(KV)	LV(KV)					
31500		6.3 6.6 10.5 11 35 37 38.5		38	135	0.70	
40000				45	157	0.63	
50000				54	189	0.56	
63000				63	220	0.56	
90000				80	288	0.49	
120000	220±8x1.25%	10.5 11 35 37 38.5	YNd11	99	346	0.49	12–14
150000				116	405	0.42	
180000				135	468	0.42	
120000		66 69		102	355	0.49	
150000				120	415	0.42	
180000				140	475	0.42	

② Techical Data Of Three-phase Three Winding Power Transformer On-load Changer

VO-UT-3TWP-xKVA-220kV-xLkV

Rated Capacity (kVA)	Voltage Combined			Vector-group	No-load Loss (kw)	Load loss(75℃) (kw)	No load Current(%)	Capacity assignment(%)	Short Circuit Impedance (%)
	HV(KV)	MV(KV)	LV(KV)						
31500			6.3 6.6 10.5 11 35 37 38.5		44	162	0.77		
40000					52	189	0.70		
50000					60	225	0.63		
63000	220±8x1.25%	69 115 121		YNyn0d11	70	261	0.63	100/100/100 100/50/100 100/100/50	H-M 12-14 H-L 22-24 M-L 7-9
90000			10.5 11 35 37 38.5		92	351	0.56		
120000					115	432	0.56		
150000					135	513	0.49		
180000					156	630	0.49		
240000					193	780	0.45		

DRY TYPE TRANSFORMER

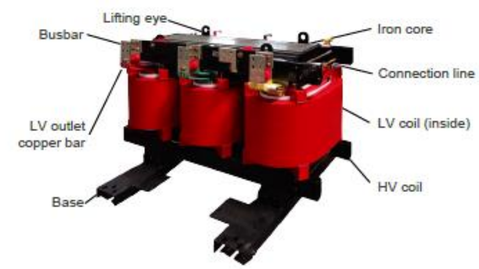
Dry type transformer — Epoxy resin type

◆ Definition

Cast resin dry type transformer is a type of SC(B) dry transformer with epoxy resin, which is a widely used in many fields. Its winding surface consists of high-quality protective material that forms the cover.

Even in harsh environments such as dust and humidity, it will not affect the cast insulating dry-type transformer; the process characteristic of resin casting is that it must rely on molds and use special casting equipment to cast the coil in a vacuum state. The epoxy resin used is an insulating glue, so it is also called an epoxy cast resin dry type transformer.

◆ Structure



◆ Technical Specification

① Type 14 of 6+kV dry-type no-excitation distribution transformers

VO-UT-DRD-xKVA-xHkV-0.4kV

Rated Capacity (KVA)	Voltage Combination			Vector Group	No-load Loss (W)	Under different insulation heat-resisting rank load loss(W)			No-load Current(%)	Short Circuit Impedance(%)
	HV (KV)	HV (Tapping)	LV (KV)			130°C(B) (100°C)	155°C(F) (120°C)	180° C(H) (145°C)		
30	6 6.3 6.6 10 10.5 11	±5% ±2x2.5%	0.4	Dyn11 Yyn0	130	605	640	685	2.00	4
50					185	845	900	965	2.00	
80					250	1160	1240	1330	1.50	
100					270	1330	1415	1520	1.50	
125					320	1565	1665	1780	1.30	
160					365	1800	1915	2050	1.30	
200					420	2135	2275	2440	1.10	
250					490	2330	2485	2665	1.10	
315					600	2945	3125	3355	1.00	
400					665	3375	3590	3850	1.00	
500					790	4130	4390	4705	1.00	
630					910	4975	5290	5660	0.85	
630					885	5050	5365	5760	0.85	6
800					1035	5895	6265	6715	0.85	
1000					1205	6885	7315	7885	0.85	
1250					1420	8190	8720	9335	0.85	
1600					1665	9945	10555	11320	0.85	
2000					2075	12240	13005	14005	0.70	
2500					2450	14535	15445	16605	0.70	

DRY TYPE TRANSFORMER

② 20+kV no-excitation dry type distribution transformer

VO-UT-DRD-xKVA-xHkV-0.4kV

Rated Capacity (kVA)	Voltage Combination			Vector Group	No-load Loss (w)	Under different insulation heat-resisting rank load loss(W)			No-load Current(%)	Short Circuit Impedance(%)
	HV (KV)	HV (Tapping)	LV (KV)			130°C(B) (100°C)	155°C(F) (120°C)	180° C(H) (145°C)		
50					340	1160	1230	1310	2.00	
100					540	1870	1990	2130	1.80	
160					670	2330	2470	2640	1.60	
200					730	2770	2940	3140	1.60	
250					840	3220	3420	3660	1.30	
315					970	3850	4080	4360	1.30	
400					1150	4650	4840	5180	1.10	
500					1350	5460	5790	6190	1.10	6
630	20 22 24	±2x2.5% ±5%	0.4	Dyn11 Yyn0	1530	6450	6840	7320	1.00	
800					1750	7790	8260	8840	1.00	
1000					2070	9220	9780	10400	0.85	
1250					2380	10800	11500	12300	0.85	
1600					2790	13000	13800	14800	0.85	
2000					3240	15400	16300	17500	0.70	
2500					3870	18200	19300	20700	0.70	
2000					3240	16800	17800	19100	0.70	8
2500					3870	20000	21200	22700	0.70	

③ 35+kV no-excitation dry type distribution transformer

VO-UT-DRD-xKVA-xHkV-0.4kV

Rated Capacity (kVA)	Voltage Combination			Vector Group	No-load Loss (w)	Under different insulation heat-resisting rank load loss(W)			No-load Current(%)	Short Circuit Impedance(%)
	HV (KV)	HV (Tapping)	LV (KV)			130°C(B) (100°C)	155°C(F) (120°C)	180° C(H) (145°C)		
50					450	1340	1420	1520	2.30	
100					630	1970	2090	2230	2.00	
160					790	2650	2810	3000	1.50	
200					880	3130	3320	3550	1.50	
250	35 36 37 38.5	±2x1.25% ±5%	0.4	Dyn11 Yyn0	990	3580	3800	4060	1.30	6
315					1170	4250	4510	4820	1.30	
400					1370	5100	5410	5790	1.10	
500					1620	6270	6650	7110	1.10	
630					1860	7250	7690	8230	1.00	
800					2160	8600	9120	9760	1.00	
1000					2430	9860	10400	11100	0.75	
1250					2830	12000	12700	13600	0.75	
1600					3240	14600	15400	16500	0.75	
2000					3820	17200	18200	19500	0.75	
2500					4450	20600	21800	23300	0.75	

THREE-PHASE OIL IMMERSED DISTRIBUTION TRANSFORMER

① 6+KV Three Phase Oil-Immersed Distribution Transformer

◆ Definition

6+KV three phase oil-immersed distribution transformers are widely used in distribution network, power supply and distribution systems of industrial & mining enter-prises. It has advantages of compact structure, beautiful appearance, small size, low noise and strong overload capacity.

6+kv class three phase oil-immersed distribution transformer has hermetically sealed type and conservator type. The transformer is applicable to plant, mine, petrol chemical and other power distribution system of 10kv class for industry and agriculture. They are also popular in sites with oil contamination and chemical substances.

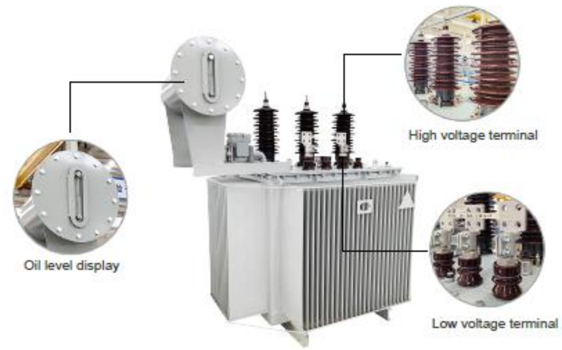
◆ Technical Data Of 6+kV Low-loss And Non-excitation Regulation Power Transformer

VO-UT-3OID-xKVA-xHkV-0.4kV

Rated Capacity (kVA)	Voltage Combination			Vector Group	No-load Loss (w)	Load loss (75℃) (w)	No-load Current(%)	Short Circuit Impedance(%)
	HV (KV)	HV (Tapping)	LV (KV)					
30	6 6.3 10 10.5	±2x2.5% ±5%	0.4	Dyn11 Yzn11 Yyn0	80	630/600	1.5	4
50					100	910/870	1.3	
63					110	1090/1040	1.2	
80					130	1310/1250	1.2	
100					150	1580/1500	1.1	
125					170	1890/1800	1.1	
160					200	2310/2200	1.0	
200					240	2730/2600	1.0	
250					290	3200/3050	0.9	
315					340	3830/3650	0.9	
400					410	4520/4300	0.8	
500					480	5410/5150	0.8	
630				Dyn11 Yyn0	570	6200	0.6	4.5
800					700	7500	0.6	
1000					830	10300	0.6	
1250					970	12000	0.5	
1600					1170	14500	0.5	
2000					1360	18300	0.4	5
2500					1600	21200	0.4	

THREE-PHASE OIL IMMERSED DISTRIBUTION TRANSFORMER

② 20KV Three Phase Oil-Immersed Distribution Transformer



◆ Definition

Compared with 6+KV class, 20KV three phase oil-immersed distribution transformer has some advantages: Increase power supply capability, Ensure the voltage quality. Debase the electric energy loss in power system, etc. It can save the construction fee of power system. It is the developing product of energy conservation in power system.

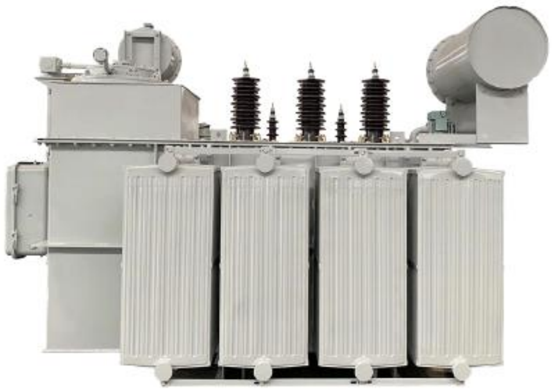
◆ Technical Data Of 20kV Oil Immersed Power Transformer

VO-UT-3OID-xKVA-20kV-0.4kV

Rated Capacity (kVA)	Voltage Combination			Vector Group	No-load Loss (w)	Load loss (75℃) (w)	No-load Current(%)	Short Circuit Impedance(%)
	HV (KV)	HV (Tapping)	LV (KV)					
30					90	660	2.1	
50					130	960	2.0	
63					150	1145	1.9	
80					180	1370	1.8	
100					200	1650	1.6	
125					240	1980	1.5	5.5
160					290	2420	1.4	
200					330	2860	1.3	
250					400	3350	1.2	
315	20	±2x2.5% ±5%	0.4	Dyn11	480	4010	1.1	
400					570	4730	1.0	
500					680	5660	1.0	
630					810	6820	0.9	
800					980	8250	0.8	
1000					1150	11330	0.7	
1250					1350	13200	0.7	6
1600					1630	15950	0.6	
2000					1950	19140	0.6	
2500					2340	22200	0.5	

THREE-PHASE OIL IMMERSED DISTRIBUTION TRANSFORMER

③ 35+KV Three Phase Oil-Immersed Distribution Transformer



◆ Technical Data for 35KV Three Phase Oil-Immersed Distribution Transformer

VO-UT-3OID-xKVA-xHkV-xLkV

Rated Capacity (kVA)	Voltage Combination HV (KV)	Voltage Combination HV (Tapping)	Voltage Combination LV (KV)	Vector Group	No-load Loss (w)	Load loss (75℃) (w)	No-load Current(%)	Short Circuit Impedance(%)
630	35	±5%	3.15 6.3 10.5	Yd11	830	7870	1.10	6.5
800					980	9410	1.00	
1000					1150	11540	1.00	
1250					1410	13940	0.90	
1600					1700	16670	0.80	
2000					2180	18380	0.70	
2500					2560	19670	0.60	
3150	35~38.5	±5%	3.15 6.3 10.5		3040	23090	0.56	7.0
4000					3620	27360	0.56	
5000					4320	31380	0.48	
6300					5250	35060	0.48	7.5
8000	35~38.5	±2x2.5%	3.15 3.3 6.3 6.6 10.5 11	Ynd11	7200	38480	0.42	
10000					8700	45320	0.42	
12500					10080	53870	0.40	8.0
16000					12160	65840	0.40	
20000					14400	79520	0.40	
25000					17020	94050	0.32	
31500					20220	112860	0.32	

◆ Definition

35+kV class three phase oil immersed distribution transformers comply with the Standard of ANSI C57.12.00.IEC60076., both no-load loss and on-load loss are much lower, good quality C.R.G.0.core type, high-quality oxy-gen-free copper coil, good appearance, safe operation, widely used over the country.

COMPACT SUBSTATION

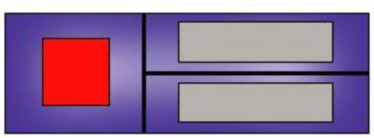
◆ Structure

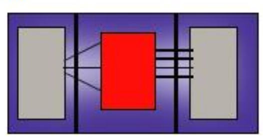
◆ Definition

A COMPACT TRANSFORMER SUBSTATION can be explained as a group of electrical equipment that is assembled on a trailer or platform. To ensure that a compact substation is capable of fully energizing upon its delivery to the required site, it is integrated and thoroughly tested in a factory environment.

◆ Compact transformer substation layout

The box body is composed of two modes, namely, an eye-shaped arrangement and a pin-shaped arrangement.





◆ Technical Data Of YB Pre-installed Substation

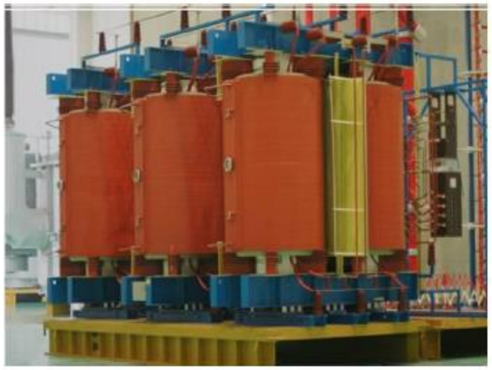
VO-UT-CPSS-xKVA-xHkV-xLkV

	Ltem	Unit	Date
HV	Rated Frequecy	Hz	50
	Rated Voltage	kV	6 10 35
	Max Working Voltage	kV	6.9 11.5 40.5
	Industrial Requency Voltage-resisting Time / IsolationBallisticVoltage-resisting	kV	32/36 42/48 95/118
	Thunderand Lighting Ballistic Voltage-resistingTime / Isolation SectionalPort	kV	60/70 75/85 185/215
	Rated Current	A	400 630
	Rated Brief-period Current-resisting	kA	12.5(2s) 16(2s) 20(2s)
	Rated Crest Value Current-resisting	kA	32.5 40 50
LV	Rated Voltage	V	380 220
	Rated Current Of Major Return Circuit	A	100-3200
	Rated short-circuit Current-resisting	kA	15 30 50
	Rated Crest Value Current-resisting	kA	30 63 110
	Branch Circuit	A	10-800
	Quantity Of Branch	line	1–12
	Compensation Circuit	kVAR	0-360
Transforming	Rated Capacity	kVA	50-2000
	Short-circuit Impendance	%	4 6
	Scope Of Branch Connection		±2x2.5% ±5%
	Vector Group		Yyn0 Dyn11

MEDIUM & LARGE TRANSFORMERS

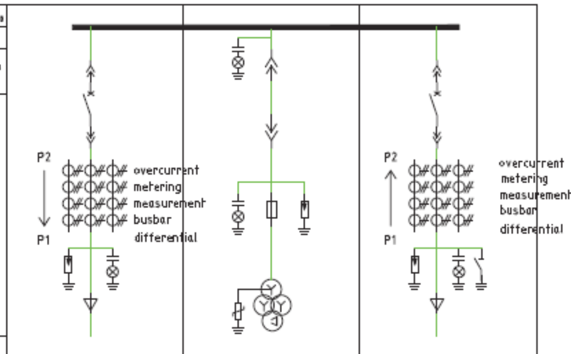
Oil Immersed
(Up to 850kV, 1,500MVA or Custom Designed)

Dry Type
(Up to 110kV, 63MVA or Custom Designed)



Single Phase, Oil Immersed, with OLTC, 300/400/500 MVA, 525/230/34.5kV

High-Voltage and Low-Voltage
SWITCHGEAR



Main bus specifications TMY-3×120×10						
Primary rated voltage 40.5kV						
Secondary rated voltage: operating DC125V storage AC230V						
Primary plan graph						
PE bar specification TMY-50×5						
Cabinet No.	VO-AH1		VO-AH2		VO-AH3	
Cabinet Usage	PWP Outlet cabinet		PT and arrester cabinet		Boost voltage into the cable cabinet	
Design Model No.	VO-SWTG-35-1		VO-SWTG-35-2		VO-SWTG-35-3	
Design No.	Outlet		Busbar equipment		Inlet	
Cabinet Size	1400×3100×2600		1400×3100×2600		1400×3100×2600	
Busbar specifications	TMY-3×2(60×10)		TMY-3×60×6		TMY-3×2(60×10)	
Equipment capacity						
calculating current						
Name of electrical parts	Model	Qty	Model	Qty	Model	Qty
vacuum circuit breaker	2000A-40kA DC125V	1	Isolation vehicle 630A	1	2000A-40kA DC125V	1
current transformer LZZBJ9-35Q	2000/5A 5P30 15VA 2000/5A 0.2S 15VA 2000/5A 0.5 15VA 2000/5A 5P30 15VA	3			2000/5A 5P30 15VA 2000/5A 0.2S 15VA 2000/5A 0.5 15VA 2000/5A 5P30 15VA	3
voltage transformer JDZX11-35R			34.5/√3/0.115/√3/0.115/√3/0.115/3kV 0.2/0.5/3P 10/50/50VA	3		
high voltage fuse			VO-XRNP1-40.5/0.5A 50kA	3		
zinc oxide arrester	VO-YH5WZ-51/134 400A	3	VO-YH5WZ-51/134 400A	3	VO-YH5WZ-51/134 400A	3
earthing switch					VO-JN15-40.5/31.5-360	1
Primary harmonic eliminator			VO-LXQ-35kV	1		
microprocessor protection device	Line fiber differential DC125V	1	busbar differential DC125V	1	Overcurrent, quick break DC125V	1
Intelligent power instrument	VO-LON903E DC125V	1	VO-LON903U DC125V	1	VO-LON903E DC125V	1
Intelligent control device	VO-GH330 DC125V	1	VO-GH330 DC125V	1	VO-GH330 DC125V	1
charged displayer			VO-DXN8D-Q DC125V	1		

Instructions:

1, the switchgear adopts air insulated switchgear, rated voltage 40.5kV, rated frequency 60Hz; Ambient temperature: -15℃~+50℃;

2, vacuum circuit breaker solid seal pole type, rated frequency 60Hz, rated short circuit breaking current 40kA, rated peak withstand current 104kA, breaking time 50ms, the operation sequence of "min. 0.3s-closing -15s-closing", circuit breaker operating power DC125V, energy storage power AC230V; The applicable requirements of IEEE C37.04 to C37.09 and NEMA SG4 shall be met, and the transient recovery voltage (TRV) test load shall be T100 as specified in Table 14 of IEEE C37.04-2018;

3, switch cabinet lighting heating power supply: AC115V;

4, switch cabinet circuit breaker handcar chassis driver shake into shake out;

5, switch cabinet does not include HVAC;

6, the switch cabinet does not contain spare parts;

Diesel Generator (9 - 4000kVA, or Custom Designed)

Natural Gas Generator (30 - 2500kVA, or Custom Designed)

Generator Power Plants