

**CHNT** Chint Electric Co., Ltd  
The People's Republic of China

## Auto Transformer

H1,H2,H3			Y1,Y2,Y3			H,Y	X1,X2,X3		
INV.	POS.	SEL.	Voltage (kV)	Current (A)		Power(MVA)	Voltage (kV)	Current (A)	Power(MVA)
1	1			180.12	897.50		27.13	1276.85	
2	2			178.06	907.89		27.39	1264.73	
3	3			175.95	918.77		27.65	1252.84	
4	4			173.81	930.09		27.91	1241.17	
5	5			171.62	941.95		28.18	1229.28	
6	6			169.38	954.41		28.46	1217.18	
7	7			167.11	967.38		28.74	1205.32	
8	8			164.79	981.00		29.02	1193.69	
9	9			162.42	995.31		29.31	1181.88	
10	K		400.00	404.15	160.00	280.00	29.61	1169.91	60.00
11	1			157.54	1026.14		30.00	1154.70	
12	2			155.02	1042.82		30.23	1145.92	
13	3			152.45	1060.40		30.54	1134.28	
14	4			149.83	1078.94		30.87	1122.16	
15	5			147.15			31.20	1110.29	
16	6			396.63	144.41	274.79	31.54	1098.32	
17	7			388.93	141.61	269.46	31.88	1086.61	
18	8			381.08	138.75	264.02	32.23	1074.81	
19	9			373.03	135.82	258.44	32.59	1062.93	

Type	OSFPSZ-280000/400			Standard	IEC60076-1:2011 IEC60076-2:2011 IEC60076-3:2013 IEC60076-5:2006		
Rated Power MVA	280/280/60						
	H.V.	M.V.	L.V.	Product Serial No.	1ZDB300000P-1706		
Rated voltage kV	400	157.54	30	Rated frequency	50Hz		
Rated current A	404.15	1026.14	1154.70	No. of phases	3		
Tapping range kV	157.54 (+10,-8)×1.565%			Vector Group	YNad1		
Tap changer	MR RIII 1200Y-123/C-10191W			Tank	Cooler	Conservator	
Type of cooling	ONAN/ONAF/OFAF(60%/80%/100%)			Vacuum degree	133Pa	133Pa	133Pa
Transformer insulation level	A			Positive pressure	100kPa	100kPa	/
Limit value of the rise of Top oil/Winding	60K/65K			The factory sequence date	Year Month		
				The factory sequence number			

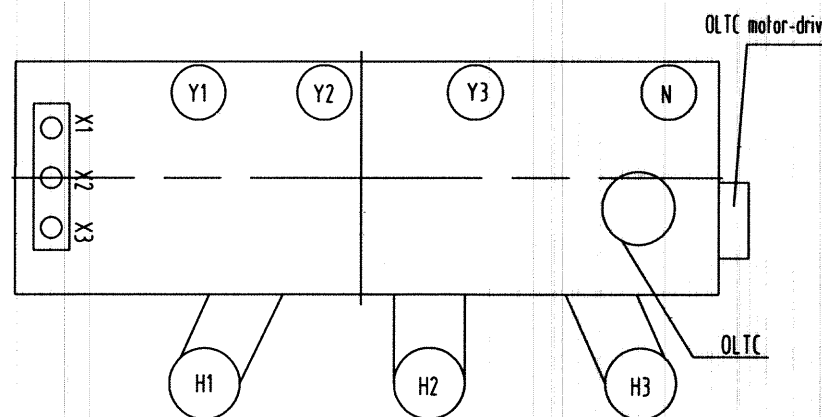
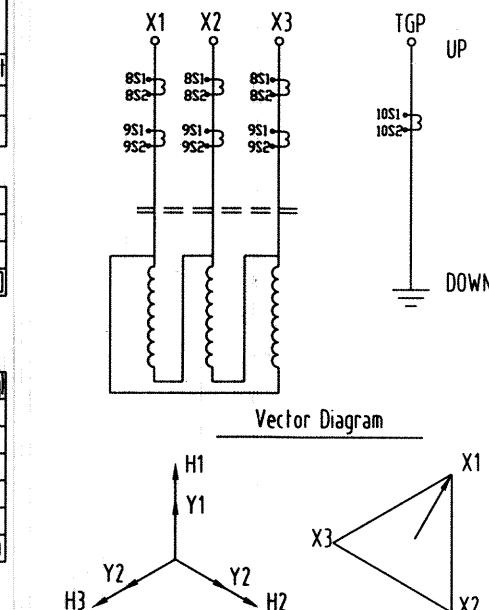
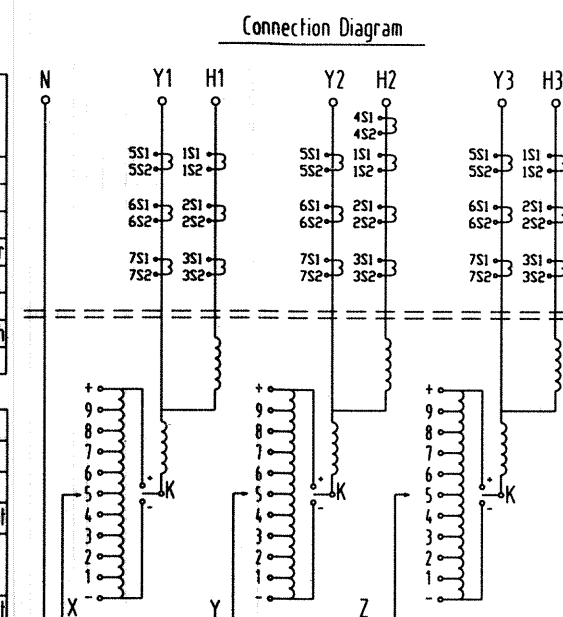
Current Transformer Data							
Position	Type	Ratio	Burden VA	Accuracy	Tap No.	Terminal board No	Qty/phase Function
HV	LR-400	405/2.2	20	1	4S1-4S2	7-8	1 for H2 WTI1
	LR-400	400/1	4.0	0.5	1S1-1S2	1-2	1 Measurement
	LRB-400	400/1	30	5P20	2S1-2S2 3S1-3S2	3-4 5-6	2 Protection
MV	LR-170	1000/1	4.0	0.5	5S1-5S2	1-2	1 Measurement
	LRB-170	1000/1	30	5P20	6S1-6S2 7S1-7S2	3-4 5-6	2 Protection
LV	LR-30	2000/1	4.0	0.5	8S1-8S2	1-2	1 Measurement
	LRB-30	2000/1	30	5P20	9S1-9S2	3-4	1 Protection
TGP	LMZW-0.5	200/5	25	10P10	10S1-10S2	1-2	1 Protection

Insulation level		
h.v.line terminal	Um 420 kV/SI 1050 kV/LI 1425 kV/AC 630 kV	
neutral point terminal	Um 123 kV/LI 450 kV/AC 185 kV	
m.v.line terminal	Um 170 kV/LI 750 kV/AC 325 kV	
l.v.line terminal	Um 52 kV/LI 250 kV/AC 95 kV	

Operation	Power MVA	Load loss kW	Short-circuit impedance % (280MVA)
H.V.-M.V.	280		
M.V.-L.V.	60		
H.V.-L.V.	60		
No-load current (%)			
No-load loss (kW)			
Sound level (dB)			OFAF

Transformer Oil	
Code	Libra
Manufacturer	Nynas
Year of manufacture	

Approximate Mass (kg)	
Active part	126500
Cover	11000
Accessories	66000
Oil	83000
Transport with H2	185000
Total	328000



Caution: When transformer operates, core and clamp must be reliably earthed, and current transformer secondary side can't be opened.

INDEPENDENT POWER TRANSMISSION  
OPERATOR S.A./T.N.P.R.D. - GREECE  
**APPROVED**  
CONTRACT No. ---4065 021 ---  
SIGNATURE DATE 23 NOV 2016

### Technical requirements:

- Font: product name No.14, company name No.10, boldface, others No.5 imitated Sung font;
- Except table name and company name, other letters and numbers' sizes are controlled  $\pm 1$ ;
- Word line concave, black varnish, back keep stainless steel natural color;
- All words, symbols, lines are black, paint color RAL9016;
- Inside table line width 0.25.

- No load current, No load loss, load loss, short circuit impedance imprinted as per test values.
- Thickness of plate is 1mm.
- All loss figure shall be no more than guaranteed figures.
- Nameplate to be UV protected.

REV.	201607061-062	Version No	A2	OSFPSZ-280000/400	1ZDB107001D-1706
Design	Xu Liang	20161107		Nameplate	Mark Weight Scale
Check	Yu Zhenquan	20161107			1:1
Review	Lin Juan	20161107		Greece Project	Total: 1 Pages Page 1
Approve	Huang Hua	20161107			

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