SPECIFICATION
OIL IMMERSED TRANSFORMER
800 KVA. 3 Ph. 50 Hz
33000 - 400/230 V.

THAI CENTER TRANSFORMER CO., LTD

TCT THAI CENTER TRANSFORMER CO.,LTD
SPECIFICSTION THREE PHASE TRANSFORMER
Address : 67 / 1 Moo. 7 T. Bangkam A. Maung Nakonpathom 73000
Tel . 081 - 8054856 , 034 - 219036 Fax 034 - 984092 http://www.thaicentertransformer.com e - mail : thaicenter671@hotmail.com

Transformer Specificstion

Quote. Ref :

Customer :

Project :

Rated power		**.....KVA**	**800**
Type of transformer		-	Oil immersed (Hermeticall sealed)
Standard		-	IEC 76
Cooling System		-	ONAN
No. Of phase		-	3
Frequency		**.....Hz**	50
Rate of voltage	: Primary	**.....V.**	33000
	: Secondary	**.....V.**	400/230
Vector group		-	Dyn 11
Tapping	Type	-	**Off circuit tap changer**
	No. of steps	-	5
	Percentage of tapping	-	± 2 x 2.5 %
Impedance voltage at 75 C		**.....%**	6
NO - Load current		**.....%**	1
Ambient temperature		**.....C**	40
Average Temperature rise of winding		**.....C**	65
Average Temperature rise of top oil		**.....C**	60
Noise level not more than		**.....dB**	56
No - Load loss		**.....Watt**	1270
Load loss at 75 C		**.....Watt**	9900
Efficiency at P.F. = 1	: 25 % of rate power	**.....%**	98.94
	: 50 % of rate power	**.....%**	98.08
	: 75 % of rate power	**.....%**	98.79
	: 100 % of rate power	**.....%**	98.56
Voltage regulation	: at P.F. = 0.8	**.....%**	3.22
	: at P.F. = 0.9	**.....%**	2.71
	: at P.F. = 1.	**.....%**	1.17
Impulse Withstand	: Primary winding	**.....KV.**	125
Voltage	: Secondary winding	**.....KV.**	-
Power Frequency	: Primary winding	**.....KV.**	50
	: Secondary winding	**.....KV.**	3
Terminal arrangement H.V. Side			Cable
L.V. Side			Cable
Installation on			Pole mounted / Plantform

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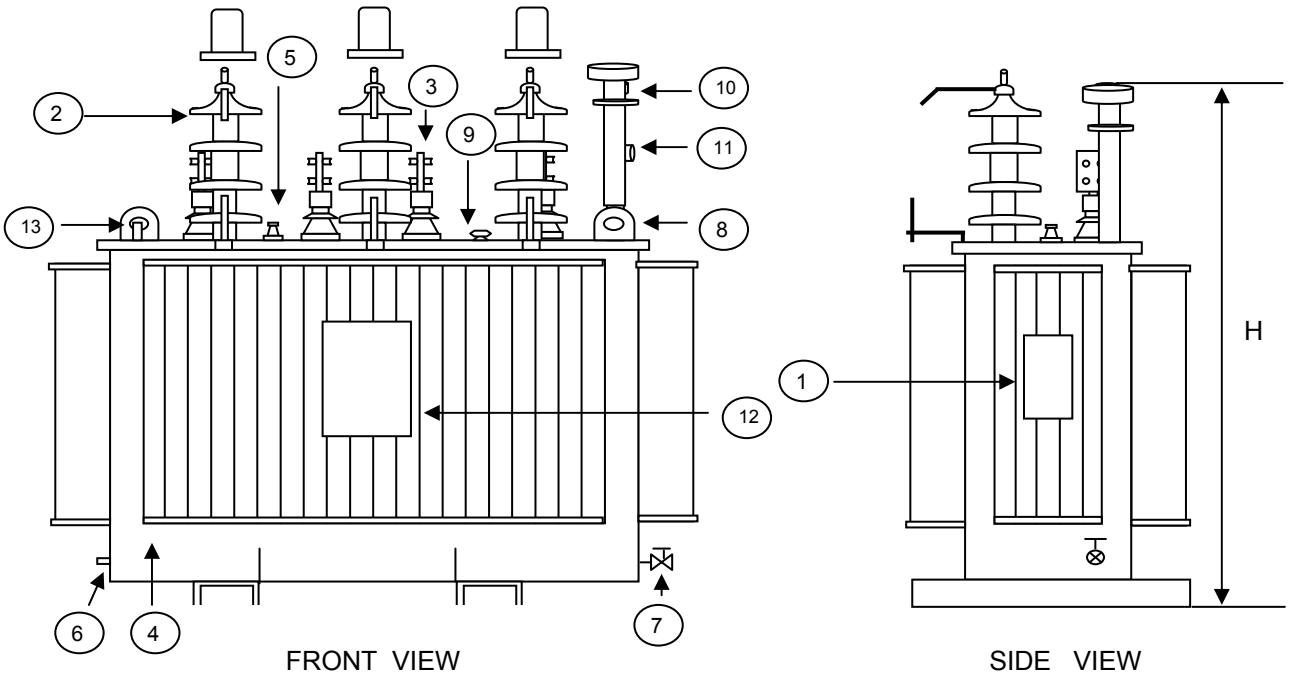
Transformer Specificstion

Quote. Ref :

Customer :

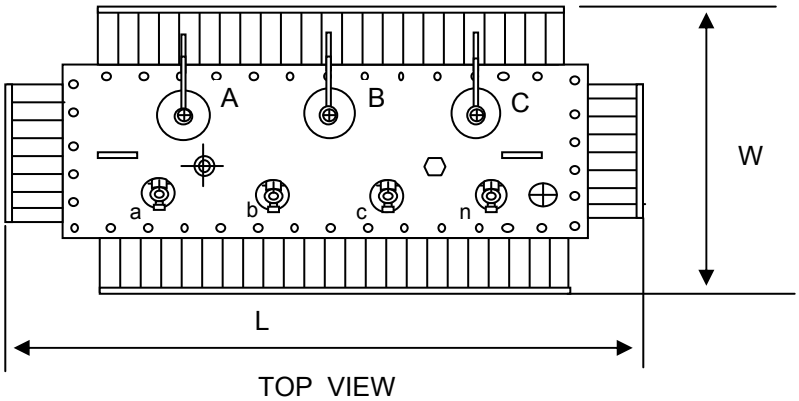
Project :

Rated power	800
Type of transformer	Oil immersed (Hermeticall sealed tank)
Accessories	
H.V. Bushing with terminal connector	Included
L.V. Bushing with terminal connector	Included
Grounding pad or earth terminal	Included
upper fillter press sampling valve	Included
Oil drain, filter press sampling valve	Included
Name plate	Included
Arcing Horn	Included
Skid Base	Included
Mechanical pressure relief device	Included (without contact)
Oil level indicator	Included (with contact)
	Included (with contact)
	Included (with contact)
Testing	
- Routine test	
Ratio test at each position of tap	Included
Polarity and phase relation test	Included
Resistance measurement	Included
No - Load loss and exciting current test	Included
Impedance and load loss test	Included
Applied potential test	Included
Induced potential test	Included
Insulation resistance test	Included
Oil test	Included
- Specia test	
Impulse withstand test	Included (Thaicenter lab)
Temperature rise test	Included (Thaicenter lab)



FRONT VIEW

SIDE VIEW



TOP VIEW

NO	DESCRIPTION	QTY.
1	NAMEPLATE WITH CONNECTION DIAGRAM	1
2	HV. BUSHING W / TERMINAL CONNECTOR	3
3	LV. BUSHING W / TERMINAL CONNECTOR	4
4	TANK	1
5	TAP CHANGE	1
6	EARTH TERMINAL	1
7	OIL DRAIN VALAE	1
8	LIFTING EYES ON THE COVER	2
9	OIL LEVEL INDICATOR	1
10	OIL FILLING PIPE	1
11	OIL LEVEL GAUGE	1
12	LOGO	1
13	THERMOMETER POCKET	1
14	ARCING HORN	3

THAI CENTER TRANSFORMER CO.,LTD					
	Dimension in millimetres			Total wt.	Oil
	H	L	W	(Kgs.)	(Litres)
	1970 mm	1800 mm	1030 mm	2650	805
DESIGN No.	00800TCT0009052			S/O No.	A0009052

NAME	TITLE :	OUTLINE DRAWING
DRN.BY		800 kVA. 3 Ph. Dyn11
CHK.BY		33000 - 400 / 230
APP. BY	TYPE : Hermeticall sealed tank	

PRELIMINARY DRAWING

This drawing is for estimation only showing approximate dimensions and should not be used for actual purposes In case of order a definite drawing will be produced for formal approval