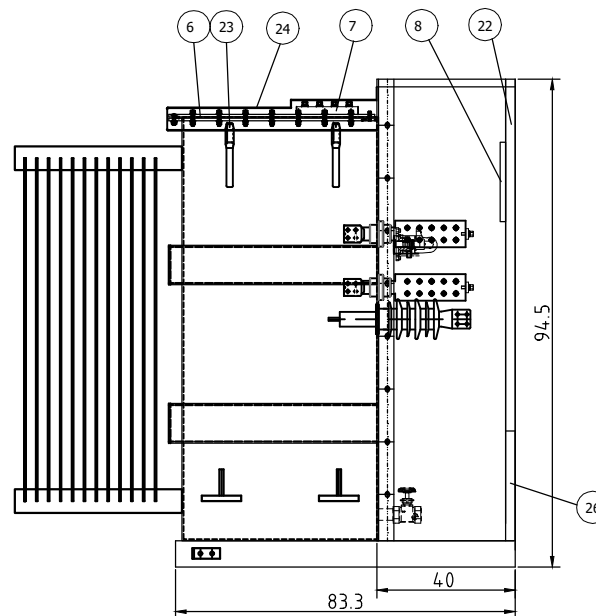
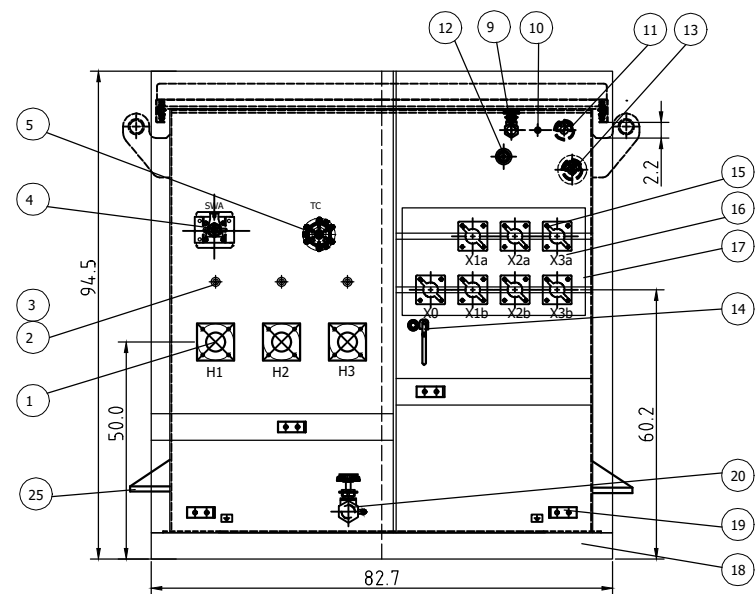
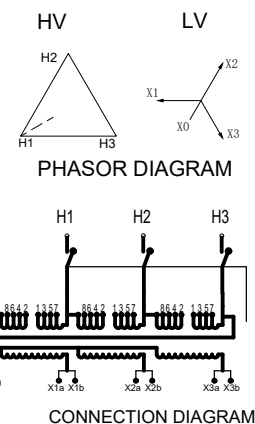
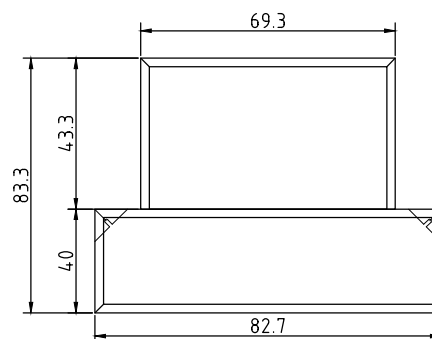
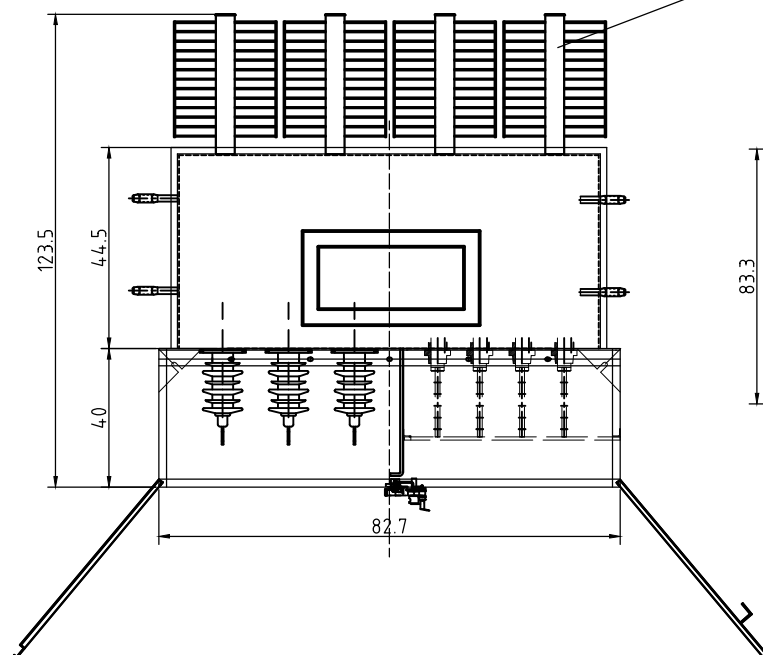


TECHNICAL DATA	
RATING	5000kVA
PRIMARY VOLTAGE	132000DELTA
SECONDARY VOLTAGE	480V Grd/277V
FREQUENCY	60Hz
VECTOR GROUP	Dyn1
WINDING MATERIAL	AL
PRIMARY BIL VOLTAGE	95kv
SECONDARY BIL VOLTAGE	30kv
INSULATION OIL TYPE	MINERAL OIL
COOLING CLASS	ONAN
TEMPERATURE RISE	65°C
EFFICIENCY(50%)	99%
IMPEDANCE	5.75-6.75%
ALTLTUDE	≤1000M
No.OF TAP POSITION	7
COLOR	MUNSELL GREEN 7G3/29.1.5

ITEM	WEIGHT
COILS AND CORES WEIGHT	10760 lbs
TOTAL OIL WEIGHT	7480 lbs
TOTAL WEIGHT	23350 lbs



26	REMOVABLE SILL	1
25	JACK	4
24	FLIP TOP COVER	1
23	LIFTING LUG	4
22	HINGED DOOR	1
21	RADIATOR	3
20	1" DRAIN VALVE WITH 3/8 SAMPLER	1
19	GROUND STEEL PADS	4
18	BASE	1
17	LV BUSHING ADDITIONAL SUPPORT	2
16	750-4000 PADMOUNT LV PLATE	1
15	LV BUSHING 10 HOLES, BIL 30kv	7
14	DOOR HANDLE	1
13	OIL TEMPERATURE GAUGE	1
12	OIL LEVEL GAUGE	1
11	VACUUM PRESSURE GUJAGE	1
10	PRESSURE RELIEF VALVE	1
9	1" UPPER FILL PLUG	1
8	NAMEPLATE	1
7	HAND HOLE OF TOP	6
6	BOLTED REMOVABLE TANK LID	1
5	7 POSITION TAP CHANGER	1
4	TWO POSITION LOADBREAK SWITCH	1
3	UNDER-OIL ARRESTER	3
2	ISO SWITCH	3
1	HV BUSHING	3
ITEM	DESCRIPTION	QTY
	OPTIONAL TRANSFORMER PARTS LIST	

TYPE					DWG. NAME					OPTIONAL TRANSFORMER PARTS LIST	
ZGS-Z-5000/13.2/0.48					General Assembly Drawing						
DRAWN	CHECKED	CHECKED		APPROVED	FIRST ANGLE PROJECTION	SCALE	1				
					P044663						REV. NO.

NOTE:

1. ALL DIMENSIONS ARE IN MILLIMETERS
2. MATERIAL: STAINLESS STEEL
3. THICKNESS : 1mm
4. LETTER COLOR: BLACK

THREE PHASE PAD MOUNTED TRANSFORMER									
VOLTAGE RATING			RATED FREQUENCY		60Hz		IEEE COMPLIANT		
HV 13200 Delta			COOLING METHOD		ONAN				
XV 480/277 WYE									
kVA RATING			% IMPEDANCE@85°C			TEMPERATURE RISE			
5000			AT 5000kVA			OIL 65°C			
			PHASE 3			WINDING 65°C			
INSULATION LEVEL(kV)			MATERIAL						
HV BIL 95			CONDUCTOR Aluminum						
XV & XVN BIL 30			INSULATING OIL Contains no detectable level of PCB (less than 2 PPM) at the time of manufacture						
STEP-UP OPERATION									
VOLTS(V)	TAP	POSN	AMPS(A)	BETWEEN					
14400	1			HV					
13800	2								
13200	3								
12870	4								
12470	5								
12000	6								
11700	7								
480				LV					
WEIGHT									
CORE AND COILS			kg						
TANK AND FITTINGS			kg						
LIQUID			kg						
TOTAL WEIGHT			kg						
UNTANKING WEIGHT (HEAVIEST PIECE)			kg						
Maximum operating pressures of liquid preservation system 55 kPa (8 psi) positive and 21 kPa (-3 psi) negative. Tank designed for full vacuum filling. Liquid level below top surface of the highest point of the highest manhole flange at 25°C is 200 mm (7.9 in). Liquid level changes 5 mm (0.2 in) per 10°C change in liquid temperature.									
APPLIED STANDARD. IEEE C57.12.34					DATE OF MFG:				
S/N :					PHONE:				
  Jiangsu Yawei Transformer Co., Ltd.									
 LISTED E528870									
Made for Philips Brothers Electrical Contractors per ANSI C57 stds and UL									

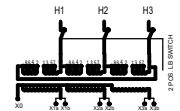
HV



LV



PHASOR DIAGRAM



CONNECTION DIAGRAM

TYPE		DWG. NAME			
		Name Plate			
FIRST ANGLE PROJECTION	SCALE 1/2	DRAWN	CHECKED	CHECKED	APPROVED
		REF. DWG. NO.	REV. NO.		
		DWG. NO.	P044663		
					0