

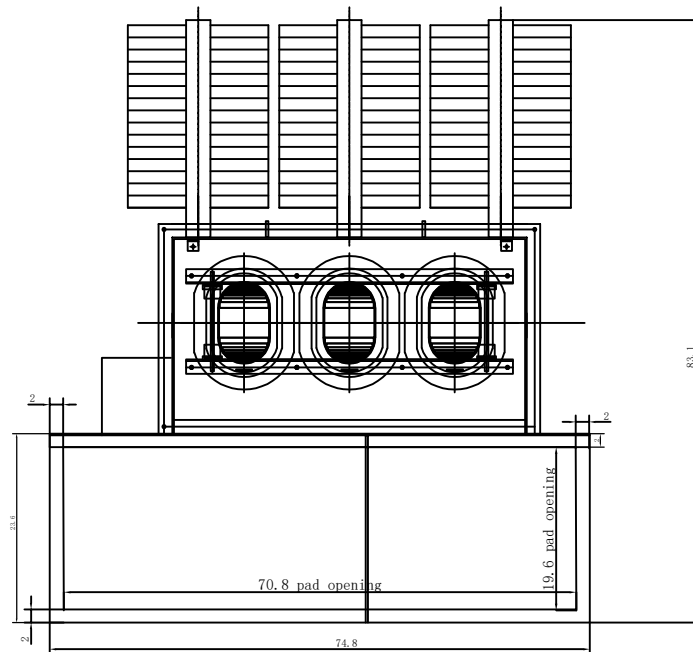
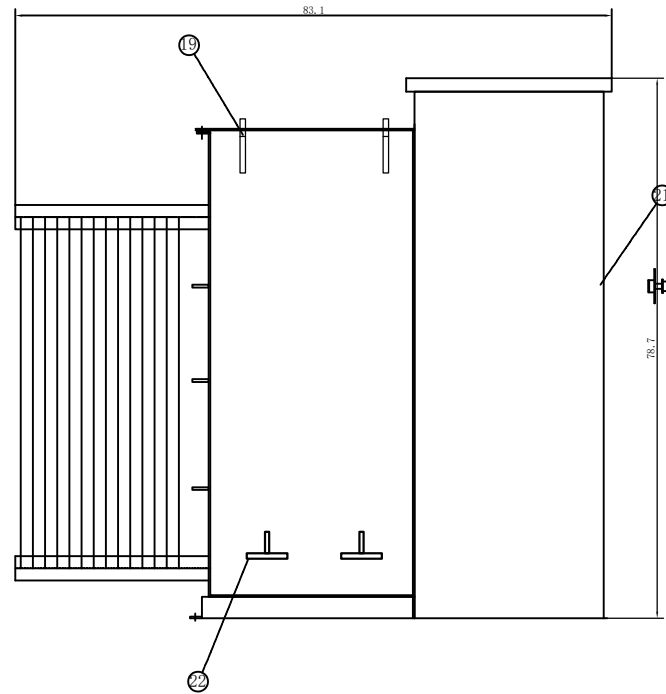
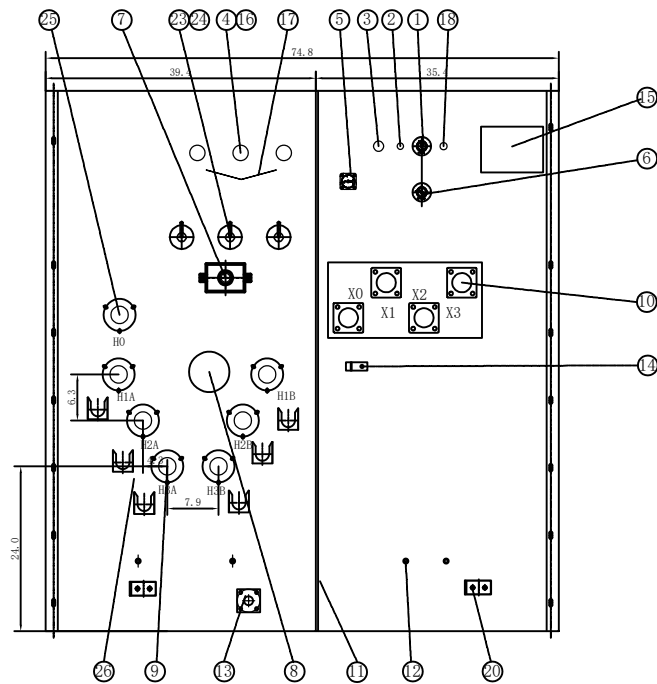
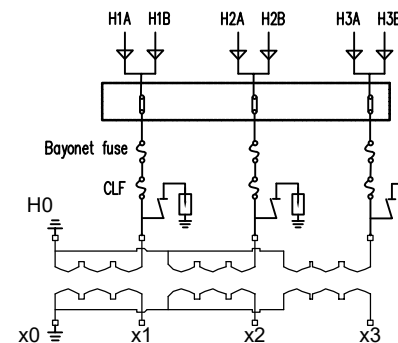
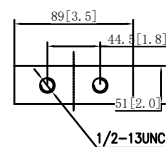


Diagram for connect



GROUND PAD
STAINLESS STEEL



ITEM	WEIGHT(LBS)
CORE WEIGHT*	2976LBS
TOTAL OIL WEIGHT*	323GALS
TOTAL WEIGHT*	8794LBS
TECHNICAL DATA	
RATING	1000
PRIMARY VOLTAGE(V)	34500Y/19920
SECONDARY VOLTAGE(V)	208Y/120
FREQUENCY	60Hz
VECTOR GROUP	YNyn0
CONDUCTOR	ALUMINUM
PRIMARY BIL VOLTAGE	150kV
SECONDARY BIL VOLTAGE	30kV
INSULATING OIL	Mineral oil
TEMPERATURE RISE	65°C
LOAD LOSS AT RATED VOLTAGE	11500W(+10%)
NO LOAD LOSSES	1300W(+10%)
IMPEDANCE	5.5-6.5%
ALTITUDE	≤1000m
COLOR	MUNSELL BELL GREEN
CORE FORM	THREE-PHASE THREE-COLUMN

PARTS LIST		
ITEM	DESCRIPTION	QT
1	VACUUM PRESSURE GAUGE	1
2	PRESSURE RELIEF VALVE	1
3	FILL PLUG	1
4	BAYONET FUSE(PRNT-31.5A)	3
5	OIL LEVEL GAUGE	1
6	OIL TEMPERATURE GAUGE	1
7	2-POSITION LOADBREAK SWITCH	1
8	OFF CIRCUIT TAP CHANGER (7 STEPS)	1
9	HV BUSHING (35kV,200A COPPER 1-PIECE BUSHING)	6
10	LV BUSHING(TG1-1/3150,10 HOLE,BIL:30kV)	4
11	REINFORCING RIB	1
12	GROUNDING LUG	4
13	1"DRAIN VALVE WITH 3/8" SAMPLER	1
14	GROUNDING PAD	1
15	NAMEPLATE	1
16	CURRENT LIMITING FUSE(XRNT-63A)	3
17	DRIP SHIELD	1
18	GAS SAMPLER VALVE	1
19	LIFTING LUG	4
20	GROUND PAD	2
21	DOOR HANDLE	1
22	JACKING PAD	4
23	UNDER OIL ARRESTER DISCONNECTOR	3
24	UNDER OIL MOV ARRESTER (36KV)	3
25	H0 BUSHING (35kV,200A COPPER 1-PIECE BUSHING)	1
26	PARKING STAND	6

TYPE ZGS-H-1000/34.5/0.208					DWG. NAME General Assembly Drawin		
DRAWN	CHECKED	CHECKED		APPROVED	FIRST ANGLE PROJECTION	SCALE	1
Kong				Liu			

WINLEY

Remark: dimensions here are in inch. Only for approval/preliminary design..



THREE PHASE PAD MOUNTED TRANSFORMER



HIGH VOLTAGE		
TAP POSITION	VOLTAGE (V)	CURRENT (A)
1	36220	15.9
2	35360	16.3
3	34500	16.7
4	33640	17.2
5	33000	17.5
6	32175	17.9
7	31350	18.4
LOW VOLTAGE		
VOLTAGE (V)	CURRENT (A)	
208	2775.8	

MODEL NO. ZGS-H-1000/34.5/0.208

STANDARD ANSI C57.12.34

RATED CAPACITY 1000 kVA

PRODUCT CODE 1ZB.710.

RATED VOLTAGE 34.5/0.208 kV

SERIAL NO.

IMPEDANCE %

HV BIL 150 LV BIL 30

USE CONDITION OUTDOOR TEMPERATURE RISE 65°C

PHASE 3 PHASE

OIL WEIGHT Lbs

VECTOR GROUP YNyn0

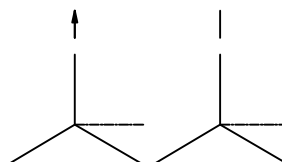
BODY WEIGHT Lbs

RATED FREQUENCY 60 Hz

TOTAL WEIGHT Lbs

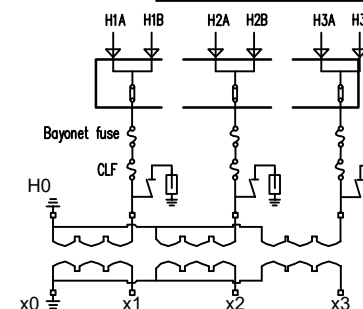
COOLING TYPE
MINERAL OIL--NON-PCB

MANUFACTURE DATE



Phasor Diagram

Wire Diagram



XIAMEN WINLEY ELECTRIC CO.LTD,CHINA
www.winley-electric.com

