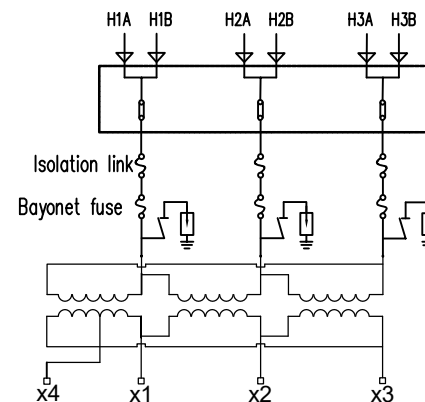
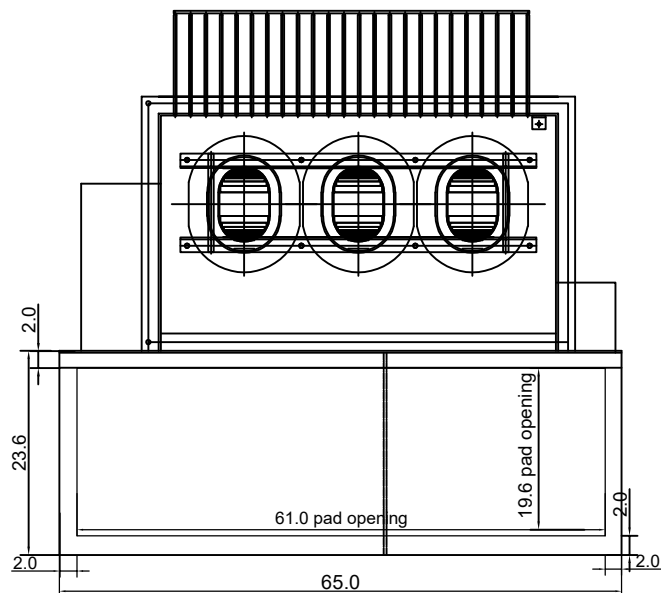
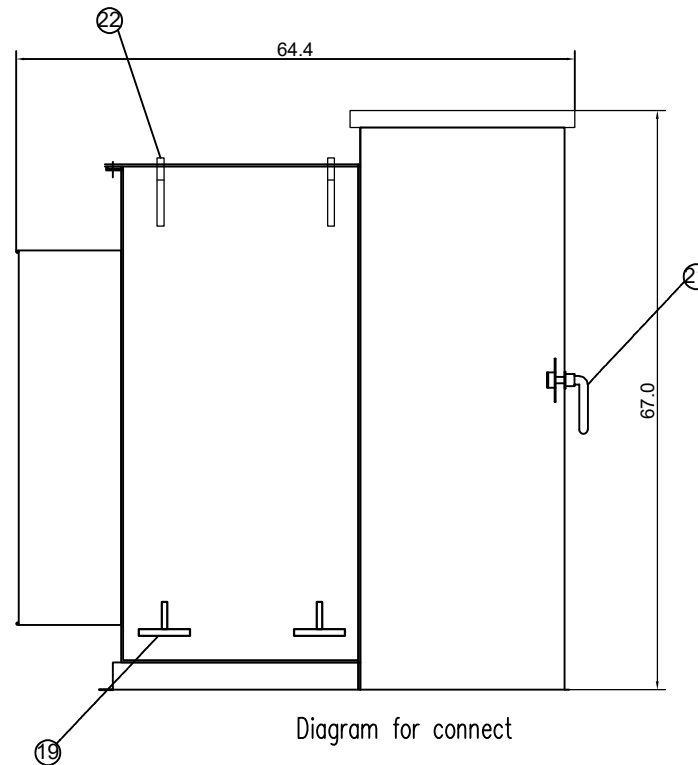
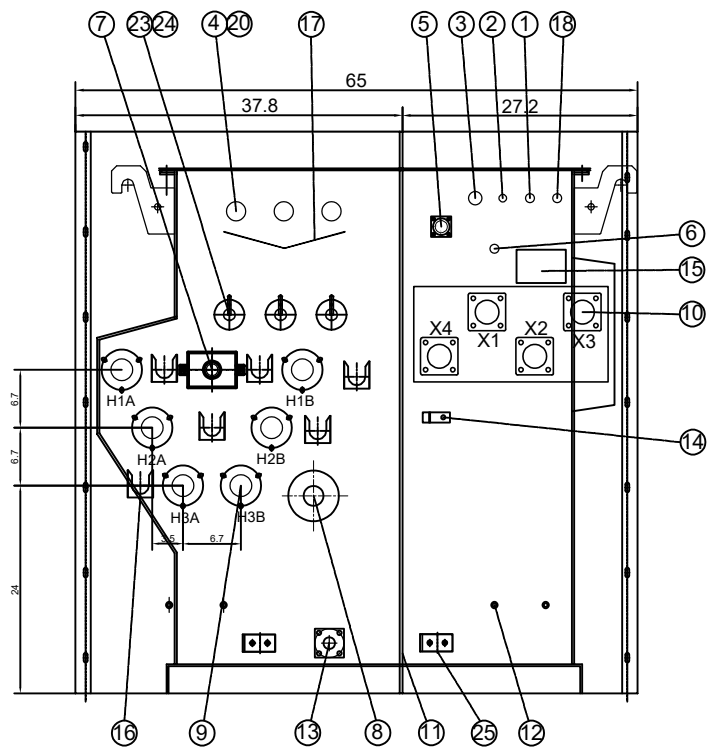


ITEM	WEIGHT(LBS)
CORE WEIGHT	2427*LBS
TOTAL OIL WEIGHT	180* GALS
TOTAL WEIGHT	4900*LBS
TECHNICAL DATA	
RATING	500
PRIMARY VOLTAGE(V)	12870DELTA
SECONDARY VOLTAGE(V)	240/120
FREQUENCY	60Hz
VECTOR GROUP	Dd0
CONDUCTOR	ALUMINUM
PRIMARY BIL VOLTAGE	95kV
SECONDARY BIL VOLTAGE	30kV
INSULATING OIL	Mineral oil
TEMPERATURE RISE	65°C
LOAD LOSS AT RATED VOLTAGE	5800W(+10%)
NO LOAD LOSSES	750W(+10%)
IMPEDANCE	5.5-6.5%
ALTITUDE	≤1000m
COLOR	MUBSELL NO.7.0 GY 3.2/1.5
CORE FORM	THREE-PHASE THREE-COLUMN

PARTS LIST		
ITEM	DESCRIPTION	QTY
1	VACUUM PRESSURE GAUGE	1
2	PRESSURE RELIEF VALVE	1
3	FILL PLUG	1
4	BAYONET FUSE(PRNT-12)	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 (15kV,200A WELL&INSERT)	6
10	LV BUSHING(TG1-1/1250,6 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	PARKING STAND	6
17	DRIP SHIELD	1
18	GAS SAMPLER VALVE	1
19	JACKING PAD	4
20	ISOLATION LINK	3
21	DOOR HANDLE	1
22	LIFTING LUG	4
23	UNDER OIL ARRESTER DISCONNECTOR	3
24	UNDER OIL MOV ARRESTER (18KV)	3
25	GROUNDING PAD	2

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

TYPE ZGS-H-500/12.87/0.24					DWG. NAME General Assembly Drawin	
DRAWN	CHECKED	CHECKED		APPROVED	FIRST ANGLE PROJECTION	SCALE 1
Kong				Liu	WINLEY	



THREE PHASE PAD MOUNTED TRANSFORMER



HIGH VOLTAGE		
TAP POSITION	VOLTAGE (V)	CURRENT (A)
1	14400	20.0
2	13800	20.9
3	13200	21.9
4	12870	22.4
5	12470	23.2
6	12000	24.1
7	11500	25.1
LOW VOLTAGE		
VOLTAGE (V)	CURRENT (A)	
240	1202.8	
120	1202.8	

MODEL NO. ZGS-H-500/12.87/0.24-0.12

STANDARD

ANSI C57.12.34

RATED CAPACITY

500

kVA

PRODUCT CODE

1ZB.710.H150.2-A1

RATED VOLTAGE

12.87/0.24-0.12 kV

SERIAL NO.

IMPEDANCE

5.5~6.5

%

HV BIL

95

LV BIL

30

USE CONDITION

OUTDOOR

TEMPERATURE RISE

65°C

PHASE

3 PHASE

OIL WEIGHT

Lbs

VECTOR GROUP

Dd0

BODY WEIGHT

Lbs

RATED FREQUENCY

60

Hz

TOTAL WEIGHT

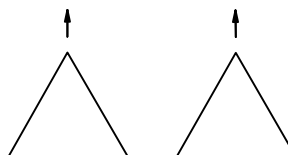
Lbs

COOLING TYPE

ONAN

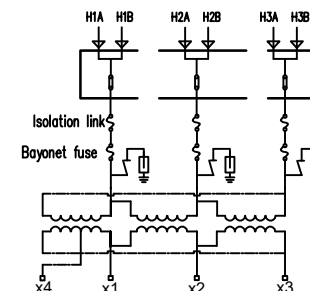
MANUFACTURE DATE

MINERAL OIL--NON-PCB



Phasor Diagram

Wire Diagram



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

