

THREE PHASE PAD MOUNTED TRANSFORMER

VOLTAGE RATING

HV	13800V Delta
LV	480VGrdy X 415VGrdy

kVA RATING

ONAN
3000KVA

RATED FREQUENCY

60Hz

ZGS-H-3000KVA 13-8/0-415/0-48

INSULATION LEVEL(kV)

HV BIL	95
LV & LVN BIL	30

% IMPEDANCE@85°C

4.83/4.75

TEMPERATURE RISE

OIL	65°C
WINDING	65°C

MATERIAL

CONDUCTOR ALUMINIUM

INSULATING OIL Contains no detectable level of PCB (less than 2 PPM) at the time of manufacture

TAPS	HV(V)	HV(V)	AMPS(A)	LV(V)	LV(V)
	DV1 @415V	DV2 @480V		415V	480V
1	14400	14400	120.3	X0	X0
2	13800	13800	125.5	X1	X11
3	13200	13200	131.2	X2	X21
4	12470	12470	138.9	X3	X31
5	12000	12000	144.3	4173.6A	3608.4A

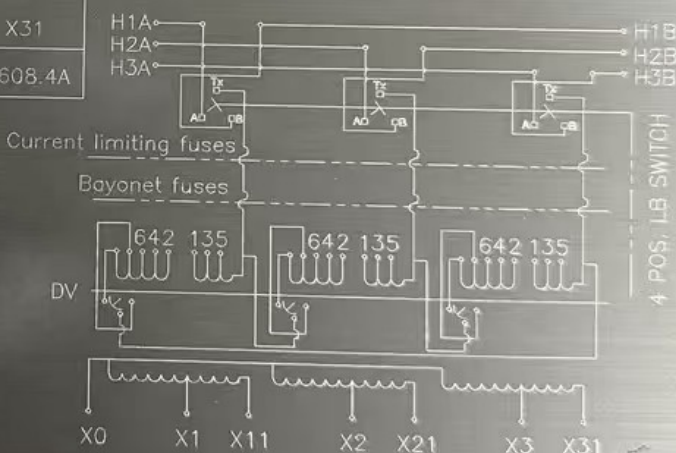
HV



LV



PHASOR DIAGRAM Dyn1



WEIGHT

CORE AND COILS	3145 kg
TANK AND FITTINGS	2457 kg
LIQUID	2178 kg
TOTAL WEIGHT	7780 kg

CONNECTION DIAGRAM

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

SERIAL NO. JM2512-00034

PRODUCTION PLACE:

DATE OF MFG. 01-2026



JIANGSU YAWEI TRANSFORMER CO., LTD.



