

200
180

4xØ4.5

### THREE PHASE PAD MOUNTED TRANSFORMER

|                |                  |                 |  |      |  |
|----------------|------------------|-----------------|--|------|--|
| VOLTAGE RATING |                  | RATED FREQUENCY |  | 60Hz |  |
| HV             | 34500V DELTA     | COOLING METHOD  |  | ONAN |  |
| XV             | 415/240V GRD WYE |                 |  |      |  |

|            |  |                  |   |                  |      |
|------------|--|------------------|---|------------------|------|
| kVA RATING |  | % IMPEDANCE@85°C |   | TEMPERATURE RISE |      |
| 2600       |  |                  |   | OIL              | 65°C |
|            |  | PHASE            | 3 | WINDING          | 65°C |

|                      |     |                |                                                                                  |
|----------------------|-----|----------------|----------------------------------------------------------------------------------|
| INSULATION LEVEL(kV) |     | MATERIAL       |                                                                                  |
| HV BIL               | 150 | CONDUCTOR      | Aluminum                                                                         |
| XV & XVN BIL         | 30  | INSULATING OIL | Contains no detectable level of PCB (less than 2 PPM) at the time of manufacture |

| VOLTS(V) | TAP POSN | AMPS(A) | BETWEEN |
|----------|----------|---------|---------|
| 36225    | 1        | 41.4    | HV      |
| 35363    | 2        | 42.5    |         |
| 34500    | 3        | 43.5    |         |
| 33638    | 4        | 44.6    |         |
| 32775    | 5        | 45.8    |         |
| 415      |          | 3617.2  | LV      |

PHASOR DIAGRAM

CONNECTION DIAGRAM

| WEIGHT                            |         |
|-----------------------------------|---------|
| CORE AND COILS                    | 3040 kg |
| TANK AND FITTINGS                 | 1500 kg |
| LIQUID                            | 2600 kg |
| TOTAL WEIGHT                      | 7140 kg |
| UNTANKING WEIGHT (HEAVIEST PIECE) | 3090 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

S/N :

DATE OF MFG:

PHONE:

LISTED  
 E528870

THE PEOPLE'S REPUBLIC OF CHINA  
 JIANGSU YAWEI TRANSFORMER CO.,LTD

280
300

