

Transformer Nameplate Data:

Westinghouse Oil Filled Substation Transformer,

10,000/12,500 KVA - OA - 55 C

11,200/14,000 KVA - FA - 65 C

HV: 67,000 Delta - BIL 350 kv

LV: 12,470Y/7200- BIL 110 kv

LV: 4,160Y/2400- BIL 75 kv

LV: 2,400 Delta - BIL 75 kv

3 Phase

60 Hertz

Class OA/ FA

Type SL

Load Tap Changing

Impedance: 7.80% @ 10,000 KVA - 67,000 volts to 12,470Y/7200

Impedance: 8.70% @ 11,200 KVA - 67,000 volts to 12,470Y/7200

Delta-Wye Switch on Secondary

Rise: 55 C / 65 C

Hv Bushings: TOP

Lv Bushings: TOP

HV Taps:

Hv Taps
70,350
68,700
67,000
65,325
63,650

Instruction Book: RPF10871

L. Spec.: 877216

Serial Number: RPF10871

Weights

Oil in Main Tank: 4,038 gallons (33,350 pounds)

Oil in LTC compartment: 360 gallons

Case: 24,700 pounds

Core and Coils: 35,850 pounds

Total Weight: 93,900 pounds

Westinghouse Load Tap Changing Transformer

Lv 1: @ 12,470Y/7200 or Lv 2: @ 4,160Y/2400 or Lv 3: @ 2,400 Delta

Low Voltage
(Wye Series Connection)
Load Tap Changing
@ 12,470 Wye Nominal

Volts	Amps
11,223	579
11,379	579
11,535	579
11,691	579
11,847	579
12,002	579
12,158	579
12,314	579
12,470	579
12,626	571
12,782	565
12,938	558
13,094	551
13,249	545
13,405	539
13,561	533
13,717	526

Low Voltage
(Wye Parallel Connection)
Load Tap Changing
@ 4,160 Wye Nominal

Volts	Amps
3744	1738
3796	1738
3848	1738
3900	1738
3952	1738
4004	1738
4056	1738
4108	1738
4160	1738
4212	1713
4264	1688
4316	1675
4368	1650
4420	1625
4472	1613
4524	1588
4576	1575

Low Voltage
(Delta Parallel Connection)
Load Tap Changing
@ 2,400 Delta Nominal

Volts	Amps
2160	3013
2190	3013
2220	3013
2250	3013
2280	3013
2310	3013
2340	3013
2370	3013
2400	3013
2430	2975
2460	2938
2490	2900
2520	2862
2550	2825
2580	2800
2610	2763
2640	2738