

154 kV TRANSFORMER LABEL VALUES

Type: 1ZTR 252600
 Frequency: 50 Hz
 Nominal Power: HV 50/62,5 MVA
 HV 50/62,6 MVA
 Nominal Voltage: HV 154+/- .25 kV
 HV 31,5 kV
 Nominal Current: HV 187,5/234,3 A
 LV 916,4/1145,5 A
 Number of Phases/Frequency: 3/50
 Vector Group: YNynO
 Insulation Level: HV L1 650 AC 275-38 (step) kV
 LV L1 170AC70 kV
 Temperature Increase (Oil/Coil): 55/60 K
 Cooling Type: ONAN/ONAF
 Step Changer Type: ABB UBBRN 350/400
 Fan Type: FE080-NDL.6K.5
 Bushings: HV GOB 750
 HV-N 52 kV 1000 A
 aG 52 kV 2000 A
 % UK
 Step-1 14,48
 Step-9 14,85
 Step-17 15,45
 Standard IEC 60076

Current Transformers

Bushings	Terminals	Ratio (A)	Power (VA)	Class	
1U	S1-S2	261/1,5	10	3Fs10	Thermic Image

Dimensions and Weight

Length: 8600 mm
 Width: 5760 mm
 Height: 6150 mm
 Active weight: 39500 kg
 oil: 23000 kg
 Total: 88000 kg

Transport Dimensions: 5550x2500x3600 mm
 TransportWeight: 71500 kg (with oil)
 Insulation oil type: NYNAS 10 GBX
 Equipment No: 1 ZTR 252601
 Manufacturing year: 2005

ABB POWER TECHNOLOGIES AB.

Components: Ludwika Sweden
 On load Step changer: Operating Mechanism
 Type: UBBRN 350/400: Type: BUL
 Position no:17: Motor feed: 50 Hz 380-420 V
 260 A: Step voltage: 1111V 50 Hz
 Transition resistance: 4,3 Ohm: Contacts: 220-230 V
 Contact life: 500000 operation: Position feeding: 80-240 V
 Standarts: IEC 214 (1989-7) manufacturing 2005
 Maintenance position: 9