

POWER TRANSFORMER

Features:

- Natural air cooled
- Continuously Rated
- Protected from outdoor weather
- Efficient performance
- Excellent voltage regulation
- Long functional life
- OFF load tap changing facility
- Vacuum Impregnated
- Approved by RDSO Lucknow - Indian Railways



**RDSO Specification No.
IRS:S:72/88**

Specifications:

Nominal Input Voltage	230 V AC, Single Phase
Input Variation	Selectable manually by additional Off Load taps provided on 200 – 220 V AC
Input Frequency	50 Hz
Nominal Output Voltage	110 V AC
Output Voltage Settings	Selectable manually by additional Off Load taps provided on 120 – 130 V AC
Rated Capacity	250 VA to 20 kVA (approved till 5kVA)
Efficiency	> 85% on Rated load.
Regulation of Transformer	< 5% at Max output and rated current.
No Load Current	< 10% of the Max Rated input current.
Tolerance in Voltage	<1.5% at No Load
Temperature Rise	< 55°C above ambient
Operating Temperature	0°C to 55°C; RH<90% (Non-condensing)
Insulation Voltage	2 kV between Input/Output, Input/Earth and Output/Earth for ONE minute.
Insulation Resistance	> 100 MΩ between Input/Output, Input/Earth and Output/Earth.
Class of Insulation	"B"

- Note:**
1. User specific requirements can be entertained
 2. Transformers with 3 phase input can also be produced with same performance results
 3. RDSO specification covers transformers from 1 kVA to 5 kVA

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