

Dry Type Distribution Transformer 9 kVA For LHB Type Non AC EOG Coaches

Features:

- Dry Type Air Cooled Transformers used for Train Lighting Load in LHB Type Non AC Coach
- Designed and manufactured to use in rugged service conditions, where coaches are expected to run upto max speed of 200 kmph in varying climatic conditions
- Under Slung equipment with Anti Vibration mounting pads
- Winding Wires / Strips confirm to H Class as per IS: 13730 pt. 13
- Clearance and Creepage distance as per IS: 13947-1993 with Pollution Degree 3 for Material group II
- Rust Free SS-304 Enclosure with IP-67 protection
- Approved by Rail Coach Factory, Kapurthala



**RDSO Specification No-
RDSO/PE/SPEC/AC/0158-2010 Rev.0**

Technical Specifications:

Rating	9 kVA
Nominal Input Voltage	3 Phase, 3 wire, 750 V $\pm 5\%$ (line to line), 50Hz $\pm 3\%$, THD 10%
Nominal Output Voltage	3 Phase, 4 wire, 415 V $\pm 5\%$ (line to line), 50Hz $\pm 3\%$, 6.5KVA 3 Phase, 4 wire, 190 V $\pm 5\%$ (line to line), 50Hz $\pm 3\%$, 2.5KVA
Nominal Output Current	9.00 A for 6.5 KVA winding at 415 V 7.60 A for 2.5 KVA winding at 190 V
Class of Insulation	H
Efficiency	> 96% from half load to full load
Noise level	< 60db at 1.0 m distance
% Impedance	4% (max)
Vector Configuration	Star-Star-Star (Yyy)
Temperature Rise	< 115°C
Insulation Level	> 1000MΩ
High Voltage withstand Capacity	5 KV AC (RMS) for 1 Minute
Induced Over Voltage withstand Capacity	830V at 100Hz for 1 Minute
Short Circuit Test	Complied As per IS 2026
Total Weight	205 kg
Ingress Protection	IP-67

GENERAL AUTO ELECTRIC CORPORATION

D/207, Ansa Industrial Estate, Saki Vihar Road, Saki Naka, Andheri (East), Mumbai 400072, INDIA.

T: [+9122] 6692 3194-95 | F: [+9122] 6692 3196 | marketing@gaec.in | www.gaec.in