



MANGAL
Electrical Industries Pvt. Ltd.



BIS License No.: CM/L-8400029811



Mangal Electrical industries is an **ISO 9001 : 2008** company with 25 years of rich experience in manufacturing of CRGO/Amorphous Distribution & Power Transformer. MEIPL's state-of-the-art plant having capacity to produce and supply more than 36000 Nos. of Transformers per annum. We are the India's largest supplier of Distribution Transformer across the India.



Website : www.mangals.com

OUR VISION & MISSION

Mangal Electrical Industries Pvt. Ltd aims to be a prominent global player and National leader in the field of Power and Distribution, promoting the cause of energy saving through constant innovation and customization of its products and introduction of value added solutions for its Customers.

OUR PRODUCTS

Single Phase Oil Filled Distribution Transformers (CRGO/Amorphous)

MEIPL manufactures Single Phase Oil Filled Distribution Transformers with robust cylindrical construction Pole Mounted Type from 5 KVA to 25 KVA.

Technical Specifications:

Applicable Standard: IS 1180 Part -1/ IS 2026/ IEC 60076

Ratings: From 6.36 KV to 11 KV up to 25 KVA

Frequency: 50 Hz

Installation: Indoor/Outdoor

Core: - CRGO/Amorphous

Material: - Aluminum/Copper

Cooling: ONAN

Class of Insulation: A/B

Conventional/Completely self – Protected Type



Features:

- Robust design to take care of frequent short circuit
- Utmost care in workmanship & selection of quality
- Raw materials ensures long & maintenance free life
- Manufactured with prime CRGO CORE with low losses.
- Designed with effective quality, decentralization of distribution network of servicing.
- Manufactured with Automatic & Semi-Automatic Machines with controlled temperature and atmospheric condition.

Fittings :

- Rating and Diagram Plate
- Primary & Secondary Bushings
- Pole Mounting Brackets
- Tank Grounding Provision
- Lifting Lugs
- Pressure Relief Device

Optional Fittings :

Terminal connectors, Arcing Horns, Lightning Arrester & Self-protection system with MCCB, HV fuse, Oil Immersed Internal Circuit Breaker.

Three Phase Oil Filled Distribution Transformers (CRGO/Amorphous)

MEIPL manufactures Three Phase Oil Filled Distribution Transformers with robust construction from 10 KVA to 2500 KVA Three Phase in Aluminum and Copper wound ONAN DISTRIBUTION TRANSFORMER.

Technical Specifications:

Applicable Standard: IS 1180 Part -1/IS 2026/IEC 60076

Ratings: From 11 & 33 KV 3 Phase up to 2500 KVA

Frequency: 50 Hz

Installation: Indoor/Outdoor

Core: CRGO/Amorphous as per customer requirement

Material: - Aluminum/Copper

Cooling: ONAN

Class of Insulation: A/B

Vector Group: Dyn11, Ynd11, Ddo, Yyo OR Any As per customer requirement.

Tappings: As per Customer requirement

Conventional/Completely self – Protected Type



Fittings :

- Rating and Diagram Plate
- Primary & Secondary Bushings
- Lifting Lugs
- Air release plug
- Filter Valve
- Silica gel Breather
- Oil level gauge
- Earthing terminals

- Conservator with drain plug
- Oil filling hole with cap
- Thermometer pocket with dial type thermometer
- Cover lifting eyes
- Explosion vent
- Stiffener on all sides of tank body
- Pulling eyes / Roller arrangement / Skid base

Optional Fittings :

Terminal connectors, Tapping Switch (OLTC), Arcing Horns, Lightning Arrester & Self-protection system with MCCB, HV fuse, Oil Immersed Circuit Breaker

◆ Power Transformers

The company is also manufacturing 33/11 KV Power Transformers upto 10 MVA ratings as per requirement of the customer. All transformers are manufactured with imported CRGO Silicon Steel annealed laminations and EC Grade Copper / Aluminum. Very safe flux densities and current densities are employed in designs for maximum safety and long life. All windings are fully ampere-turn balanced and adequate cooling ducts and radiators are provided to take care of overloads as per IS 6600. The Power Transformers are supplied with Off Load Tap Switch (OCTC) or On Load Tap Changer (OLTC) as per requirement of the customer. The cooling can be ONAN as required.

Fittings :

- Silicagel Breather
- Magnetic Oil level gauge
- Earthing terminals
- Conservator with drain plug
- Dial Type Thermometer
- Explosion vent with equalizer pipe
- Pulling eyes/Roller arrangement/Skid base
- Winding Temperature Indicators
- Marshaling Box
- Arcing Horns
- Thermometer Pocket with Dial Type Thermometer



Optional Fittings :

Lightning Arrester & Tap Changer / OFF LOAD or ON LOAD

Our Valued Estimated Customers



EPC CONTRACTORS



Quality Policy & Management

Mangal Group Pvt. Ltd. is committed to provide high quality CRGO Electrical Laminations, Transformer's Core and Core Assemblies & Conductors to it's customers and ensures continual improvement in it's products, processes, systems and customers' satisfaction. Mangal team has a highly qualified skilled & well experienced design engineers, software engineers & draftsman who are fully trained in advanced 2D, 3D AutoCAD software & other area.

OUR PLANT



CONTACT US



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