



SHREE-JI GROUP

Group Companies :
 Engineering Art Industry
 Him-Pushp Engineers
 Press - N - Forge
 Shree-Ji Powerlines
 Shree-Ji International

Manufacturers & Exporters of :

- Accessories for Power & Distribution Transformers
- Electrolytic Copper (Bare) Conductors & Profiles
- Customized Components / Assemblies



Radiator Valve
(Throttle Valve)



Buchholz Relay
(Gas Operated Relay)



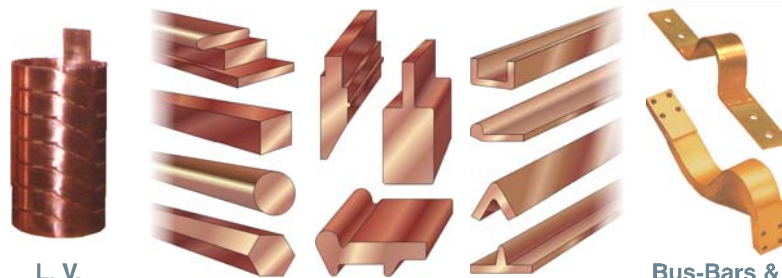
Oil Surge
Relay



Roller
Assembly



Bushings - Metal Parts
for Power & Distribution Transformers



L. V.
Windings /
Coils

Electrolytic Copper (Bare)
Conductors & Profiles

Bus-Bars &
Flexible
Connectors



Silica Gel Breather
(Air-Dehumidifier)



Magnetic Oil Level
Gauge (MOG)



Prismatic Oil Level
Gauge (POG)



Oil Draining
Device



Cable Connector
Assembly



Pressure Relief
Valve (P R V)



Pressure Relief
Device (P R D)

Bushings - Metal Parts



- Entire range of Bushings as per IS, DIN, BS and EN Standards. From 1 KV to 72 KV & from 100 Amp. to 10,000 Amp.
- For all types of Transformers including Power, Distribution, Booster, Furnace, Induction, Locomotive.
- Many Components Made by Forging or Die-casting for Dimensional Accuracy & Consistency, coupled with Mass Production.
- We provide Bushings Assembly as Ready-to-use Kits with all accessories like bushing clamp, supports, Arcing Horns, Gaskets, Sealing washers & Hardware, duly plated (In-house Electroplating)

Silica Gel Breather (Air - Dehumidifier) (Dehydrating Breather)

- Gel Container and Oil Cup made from Polycarbonate, which is the Best Engineering Plastic for outdoor application, it has :
 - Very High Impact Strength (Practically Unbreakable).
 - Does not crack when subjected to High Temp of more than 100°.
 - Does not develop white patches due to atmospheric UV Radiation.
- Top and Bottom Lids are Powder Coated for better atmospheric protection (In-house Powder Coating)
- Protective grill can be provided around gel container on request.
- Every Breather is tested at our in house facilities before dispatch.
- Pipe connection can be 1/2", 3/4", 1" B.S.P or Flange type.
- Complete Range from 0.100 Kg to 15 Kgs.



Oil Level Gauges



- Magnetic Type Oil Level Gauge (MOG)
 - Available dial size 4", 6" and 10" (100, 150 and 250 mm).
 - Alarm level can be set at any level & Dial can be calibrated accordingly.
 - We use Micro switch which is better than mercury switch as
 - It is not accidentally triggered due to vibration.
 - It does not break during transit or after installation.
 - Switch can be single or double contact type.
 - Outer Body is Powder Coated (In-house Powder Coating)
- Prismatic Type Oil Level Gauge (POG)
 - We have standard design which is suitable for a wide range of transformers.
 - We can also develop POG as per your design / Drawings.

Wheel (Roller) Assembly as per DIN - 42561

- Complete Range from 100 to 200 mm.
- Plain and Flanged Variety of Roller with and without spokes.
- Locking Mechanism can be provided on request.
- Can be modified to suit your specifications.
- Finishing: Can be Zinc Plated, Powder Coated or Galvanized as per your requirement.



Buchholz (Gas - Operated) Relay & Oil Surge Relay



- The Outer Body is made of single piece die cast aluminium alloy. Welding is totally avoided, making it leak-proof. Body is Powder Coated (In-house Powder Coating)
- Alarm / Trip Contacts provided can be NO or NC.
- Every relay is tested at our in-house Testing Bench, which is replica of actual fitting of Relay with Transformer,
- Available in 3 sizes for Pipe Diameter – 25 mm (GOR -1), 50 mm (GOR -2), 80 mm (GOR -3).
- We also make Oil Surge Relay for Protection of OLTC.

Radiator Valve (Butter Fly Valve) (Throttle Valve)

- Complete Range from 50 mm to 250 mm.
- Safety Cap provided at top locks only in open and close position preventing accidental throttling.
- Suitable for use with silicone or mineral oil.
- Rubber Gaskets/O-rings can be provided on request.
- Every valve that we manufacture is tested for leakage through the body, flap and gland.



Pressure Relief Valve / Device



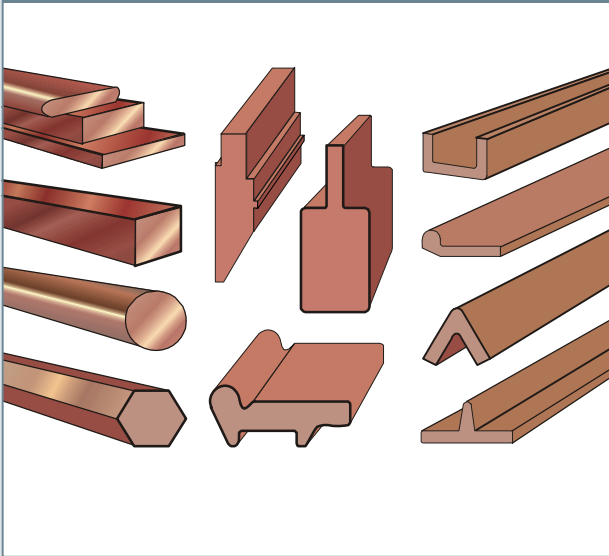
- We manufacture all sizes upto 150 mm.
- Pressure rating can be adjusted from .15 to .70 Kg/cm².
- For Sizes upto 50 mm, Cap is provided to direct oil spill downwards.
- For Sizes 80 mm and above :
 - A single or double contact limit switch can be fitted if required.
 - A red flag is provided on request which makes it visible from a distance.
 - We use a non returning type of switch, it has to be reset manually once the valve is triggered.

Other Accessories

- Oil Draining Device as per DIN - 42551
 - Available in three sizes – 22, 31 and 40 mm Nominal widths.
 - Does not leak even when Oil Temperature rises to 100 degrees.
- Cable Connector Assembly for Cable Box as per BS-2562 or as per your drawings / specifications.
- Wiping Glands for Cable Box as per BS-2562.
- Bimetallic Connectors for Distribution Transformers.
- Customized Components / Assemblies as per your requirements.



Copper Conductors (Bare) - Electrolytic Grade Only



- Manufacture as per IS / BS / ASTM Standards.
- Wide Production Range :
 - Flat/Strip - Width - 5 to 300 mm
 - Thick - 0.75 to 60 mm
 - Square - - 5 to 60 mm
 - Round - Dia - 1.2 to 120 mm
 - Hexagonal - A/F - 5 to 80 mm
 - Profile - Any Shape as per your Drawings & Specifications.
- Flats / Strips can be bent upto 180°
- Half Round Edges can be provided.
- All the Manufacturing & Testing Facilities are In-house.

Flexible Connectors

- Suitable as a Substitute of Solid Bus Bars.
- Manufactured as per your drawings.
- Made by Staking Several Foils of Electrolytic Copper (0.03 to 0.5 mm Thick) in various Shapes and Forms & Brazed as required.
- It is Possible to Drill and Machine as required.
- Can Be Electro Tinned / Silver Plated as per your requirement.



L. V. Windings / Coils



- It is a Replacement of Conventional Winding for L.V. side of Transformer of Rating 630 KVA to 3150 KVA.
- Made of Solid Copper Flat, Brazed with 43% Silver Brazing Material.
- It requires Less Copper Compared to Conventional Winding.
- Less Chances of Short Circuit.
- Very Useful for Quick Production of Transformer as We are Supplying
 - Ready-to-Use Inner and Outer Coils.
 - Brazed with Lead Connections.
 - Fitted with Insulation and Duly Varnished.



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