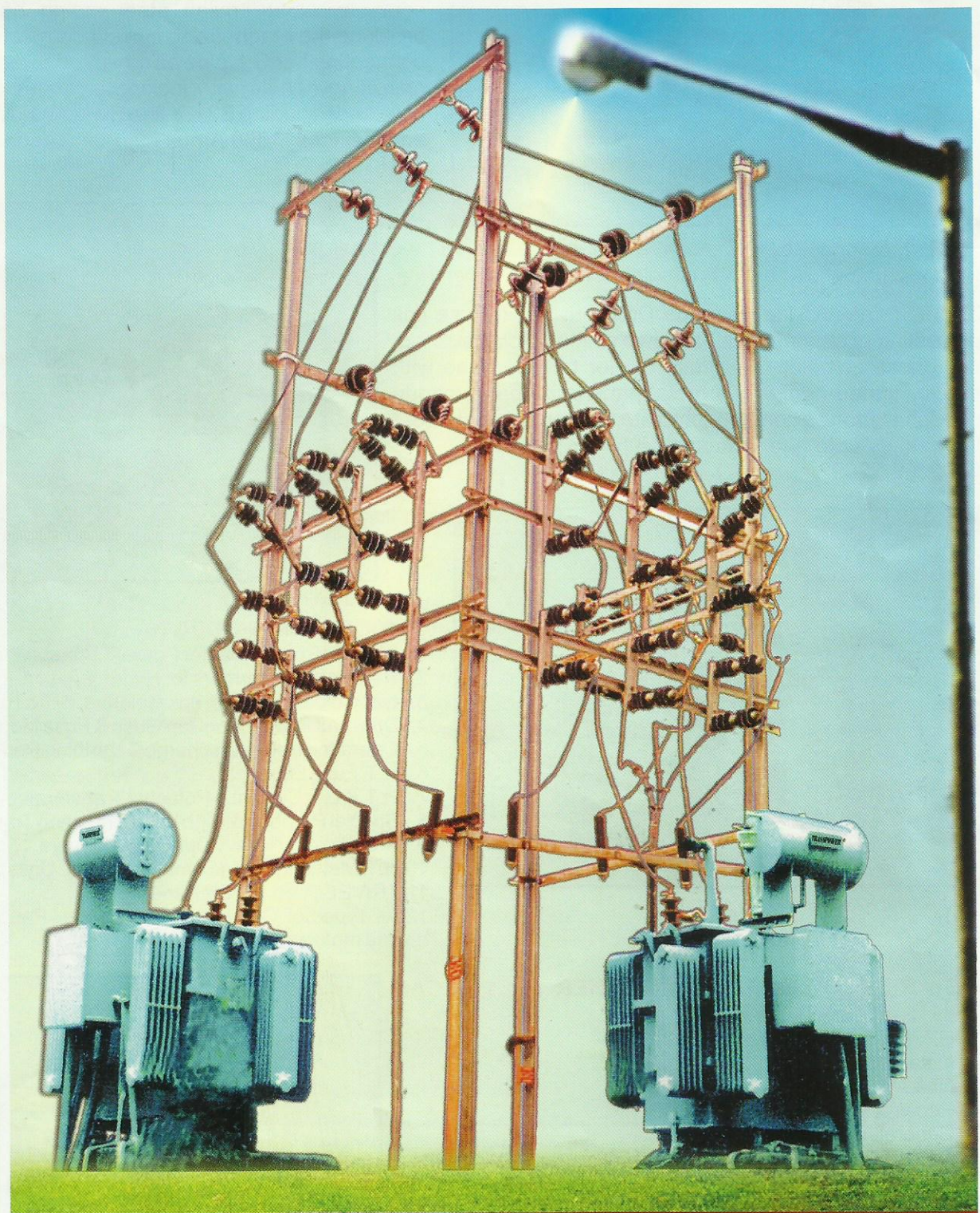


TRANSPower®

HIGH
VOLTAGE
AIR
BREAK
SWITCHES
& DROP-
OUT
FUSES



TRANSPower® SWITCHGEAR INDUSTRIES

E-mail : transp@mtnl.net.in / transpower@rediffmail.com / www.transpower.in

Tele fax : 022 - 25125237 / 25107952

Mob : 9820539902 / 9820351340 / 9920539902

Manufacturer's & Dealers In: ALL H.T. & L.T. Materials, Distribution & Special Transformers, Combined & Separate CT's/PT's, G.O.D. & D.O.F, Cables, Capacitors, Street Light Poles, Oil Filter Machine etc.

SPECIALIST IN : TRANSFORMER OIL FILTRATION



Single Break Isolator Tilting Type

DROP OUT FUSE

TRANSPOWER® Indian made Drop out lift off Fuse link consisting of channel iron base two single stack insulators per phase complete with fuse carrier bekelite tube with heavily tinned nonferrous metal parts and spring loaded phosphor bronze contact complete, without fuse element in voltages upto and including 33 KV as per IS 9385 / IS 5792 & BS 2692.



HT. HRC with Mount & Horn Gap Fuse

GANG OPERATED SWITCH

TRANSPOWER® Indian made out door, offload Triple Pole, Gang Operated Switch Tilting/Rotating type, Single/Double break consisting of hot dip galvanized channel iron base, Original post type H.T. insulators, Copper or Copper alloy high pressure heavily tinned contacts, plated mild steel orcing horns capable of breaking the magnetizing current complete with horizontal connecting bar G.I. pipe as down rod levers, couplings and operating handle with locking arrangements in voltages upto and including 33 KV line Switchyard and current upto and including 1600 Amps manufactured as per IS 9921 & 1818.



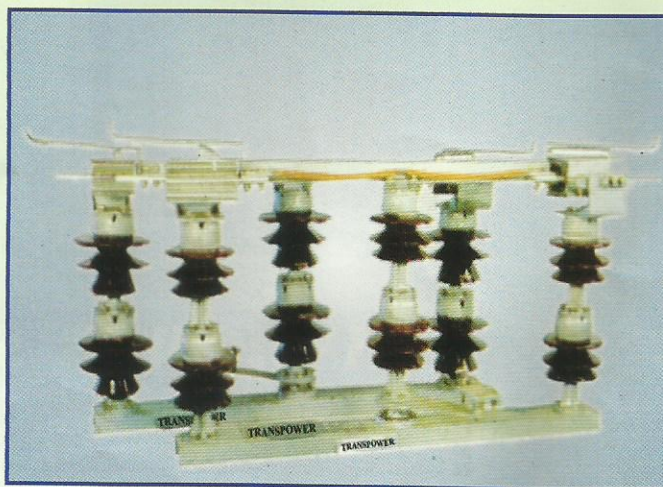
Drop Out Fuse

LIST OF OUR PRODUCTS

1. Manuf. / Repair / Dealer Power & Distribution Transformers
2. Rectifier Transformers for Hydrogenation, Electroplating etc.
3. Gang Operated Air Break Isolators. S/T & Rotating Type
4. Drop Out Fuse, Horn Gap Guse & Fuse Mounts with Fuses.
5. Operating Poles, Discharge & Earthing Rods.
6. H.T. Fuse Elements
7. H.T. & L.T. Current & Potential Transformers (C.T's & P.T's)
8. Special Purpose & High Voltage Testing Transformers.
9. A.C. Welding Heavy Duty Transformers.
10. H.T. Metering Sets (Combine C.T.P.T. Units)
11. TRIVECTOR METER Panel.
12. All Types of Control Panels, Feeder Panels, Switch Board and motor control centres.

WE ARE ALSO DEALING IN OTHER ELECTRICAL CONTRACTS & ITEMS SUCH AS

1. H.T. & L.T. Switchgears.
2. Installation of H.T. & L.T. Switchyard
3. Oil & Air Circuit Breakers.
4. Repair & Oil Filtration Plants
5. Generating Sets
6. Cable & Cable accessories.
7. Lighting Arrestors.
8. All types of CPRI Original Post, Pin, Disc type of insulators, ACSR Conductors, Connectors and H.T. hardware etc.
9. HT & LT Power Factor improvement capacitors.
10. Earthing Materials, GI Patty, Mannual Cover, Cable, Lugs etc.



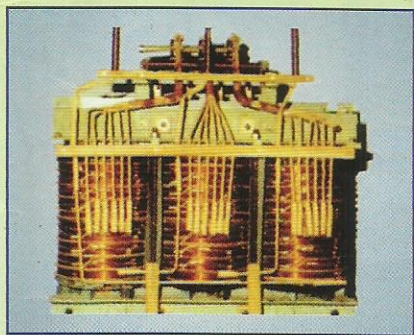
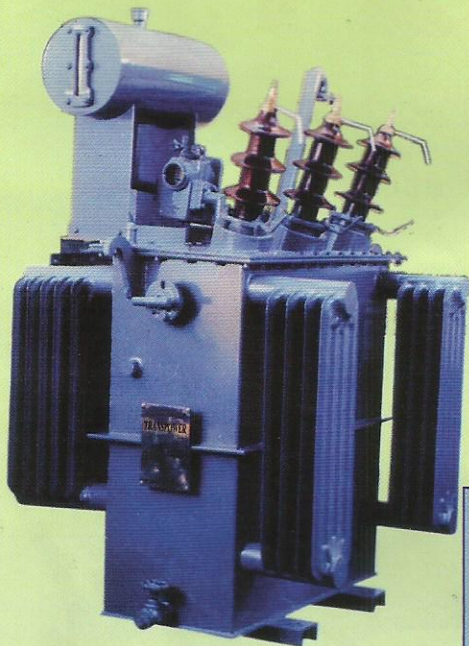
Double Break Isolator Rotating Type

MANUFACTURED BY:

TRANSPOWER®

TRANSPOWER[®]

TRANSFORMERS



ASSEMBLY : The windings are rigidly clamped between the top and bottom frames through clamping rings and pressboard collars and blocks. Additionally each coil is radially and axial pressboard spacers. All the main lead and tapping leads are kept as short as possible and are completely separated from the main structure by means of insulated cleat bar arrangement.

CONNECTION & TAPPING:

Transformers can be supplied connected for any vector group as

per IS: 2026, In such units the tappings are brought upto links at oil level inside the tank. For large units, off circuit, hand operated tap changing switch can be provided externally.

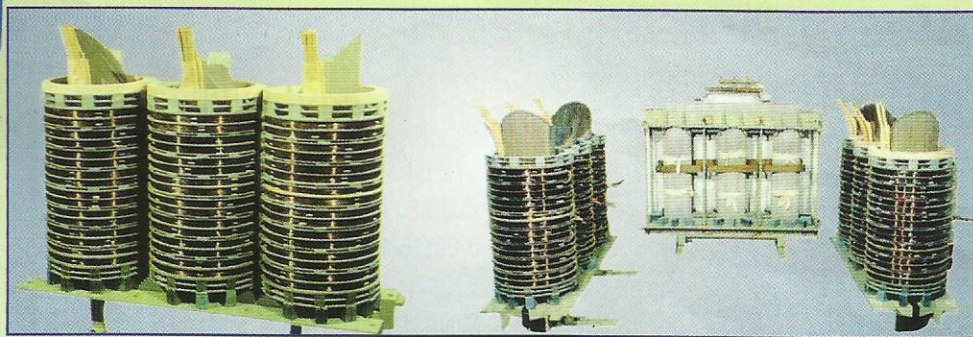
TERMINAL ARRANGEMENT : Bare terminals through porcelain bushing or in cable boxes can be supplied on both HV&LV sides as per the customers' specifications.

INSPECTION & TEST : Inspection is carried out at every stage of manufacture. The completed transformers are tested for all routine tests before despatch in our well-equipped testing department. A test certificate, giving the results of the test is provided with the transformers.

ACCESSORIES & FITTINGS : All standard accessories and fittings such as Oil level guage, silicagel breather, earthing terminals, diagram and ratings plates, rollers, filter valve etc. are provided.

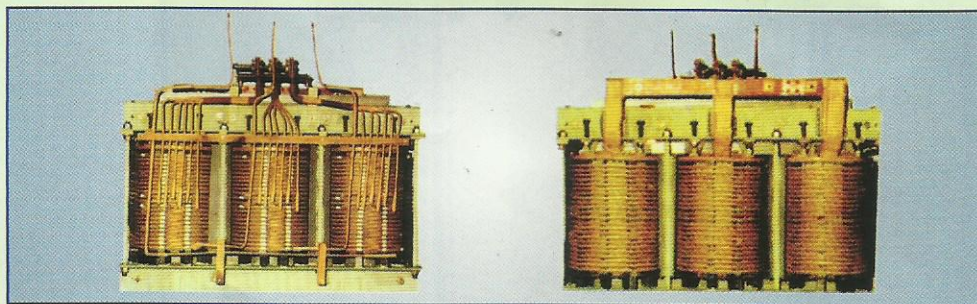
MANUFACTURING RANGE : We are manufacturing as per IS:2026 at present double wound, core type, indoor and out door, three phase transformers upto 3000 KVA and upto 33000 Volts.

TRANSPOWER[®] Transformers, manufactured / Repair / Dealer in accordance with Indian Standard Specifications No. 2026 are considered by all users as one of the best manufactured. The materials are use rigid quality in various stages of production and cleanliness with which all raw materials and production are handled to ensure the best quality and very reliable product. **TRANSFORMERS TANKS :** Tanks are made from mild steel plates/sheets of adequate thickness and are of welded construction. To provided ample cooling surface, the radiators/ tubes wherever necessary, are welded to the tanks and the entire tank unit is tested under pressure to ensure no leakage of oil in service. The tank and frame parts are specially painted with oil resistance paint for guaranteed durability of M.S. parts.



CORES: The Cores are bild from non-ageing scale free, low loss silicon steel laminations of cold rolled grain oriented best grade material. The laminations are insulated from each other by hot oil resisting insultation coating which does not deteriorate with age and under continuous operation in oil at temperatures normally experienced in transformer service.

WINDINGS: The windings are manufactured from electrolytic high conductivity copper/aluminium conductors covering with suitable insulation and normally consist of one or a combination of the three main types of coils viz. 1) Spiral coils. 2) Cross over coils. 3) Continuous Disc coils. Windings are designed and manufactured to effectively withstand all electrical, thermal and mechanical stresses experienced in the normal transformer service.



Transformer Oil Filtration & Dehydration Plants

PLANTS ARE SUITABLE FOR

- Filtration & Dehydration of oil under vacuum at site
- Removal of suspended particles such as:
Colloidal Carbon, Oxidation sludge, Dirt upto < 1 micron
- De-acidification of oil by evaporation & adsorption.

OIL PURIFICATION PLANT IS SUITABLE FOR FILTRATION OF HIGH VOLTAGE TRANSFORMERS LOW AND MEDIUM TRANSFORMERS.

OIL TEST SET



Transpower® Make Oil Test Kit

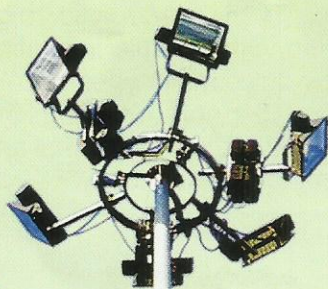
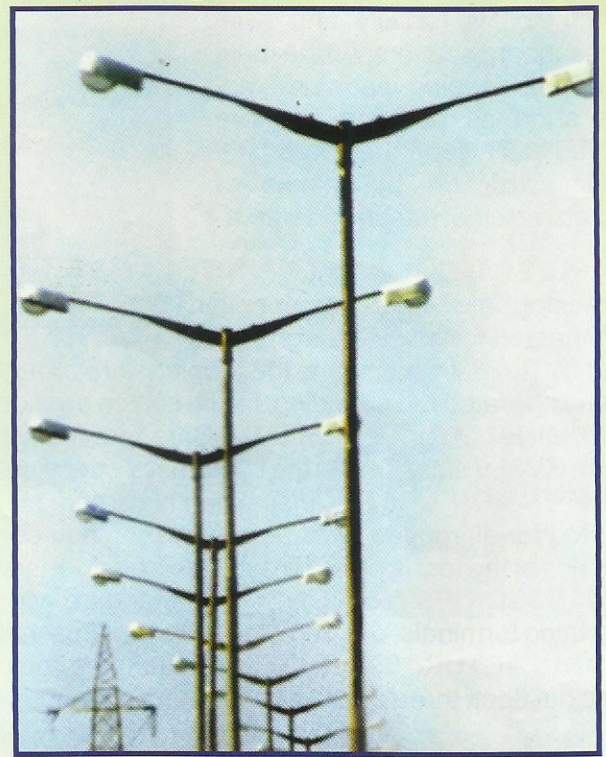
SPECIFICATION

input	220/230 AC, 1 Phase 50 Hz,
Output	0-60/75/100 KV centre tap earthed
Capacity	1 KVA
Indication	Mains 'ON' and HT 'ON' Lamps



Portable Models at site

Street Light Poles



Polygonal & Highmast Tower



Highmast Tower