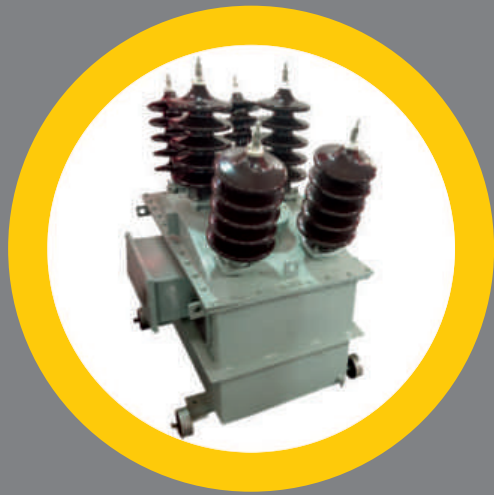
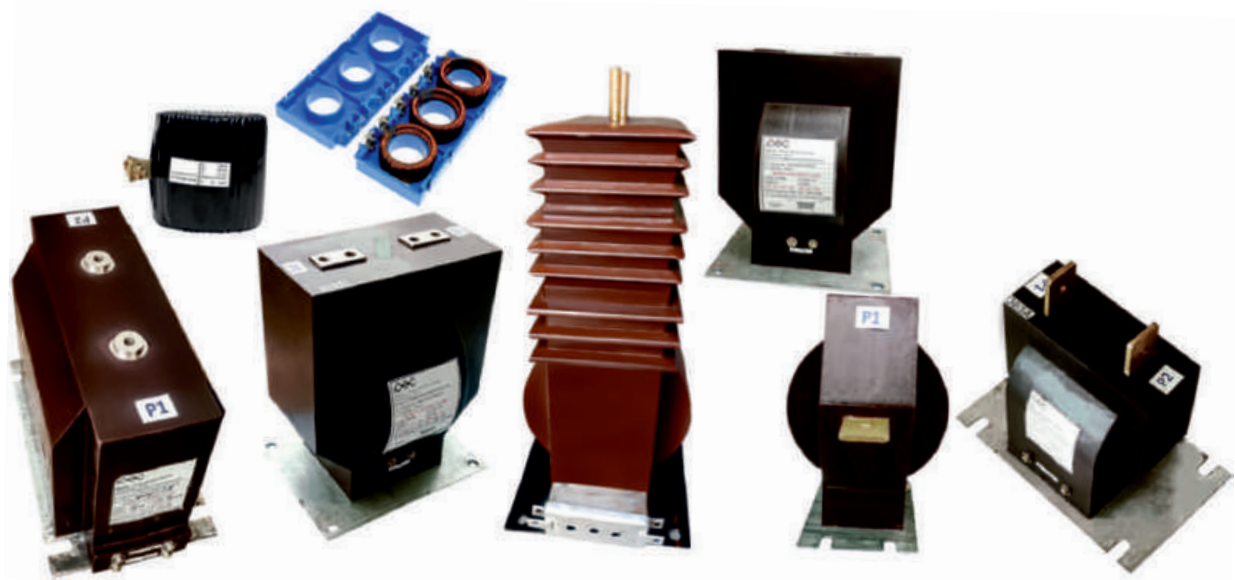




POWER SYSTEM CONTROL



**INSTRUMENT TRANSFORMERS
METERING AND PROTECTION
IS / IEC STANDARD**



INDOOR EPOXY RESIN CAST CURRENT TRANSFORMERS

Indoor Dry Type Current Transformer are available in following variation

- ▶ Up to 33kV
- ▶ Ip Up to 2500 A for Wound Primary Type & Up to 5000A for Window Type
- ▶ Is = 5 or 1A
- ▶ Ith up to 50 VA
- ▶ 1.2/50 μ s LIV up to 200 kVp
- ▶ Burden and Accuracy Class as per IS, IEC, ANSI (Other standard on request)
- ▶ Block type (Post Type / Wound Type)
- ▶ Bar Type (Embedded Bar)
- ▶ Window Type.



OUTDOOR OIL COOLED CURRENT TRANSFORMERS

Oil Cooled Outdoor type Current Transformer are available in following variation

- ▶ Up to 33kV
- ▶ Ip Up to 3600A for Live Tank Design & up to 1200A for Dead Tank Design
- ▶ Is = 5A or 1A
- ▶ Upto Five Cores
- ▶ Ith up to 40 kA
- ▶ Burden and Accuracy Class as per IS, IEC, ANSI (Other standard on request)
- ▶ 1.2/50 μ s LIV up to 1050 kVp
- ▶ Ingress Protection of Secondary Terminal Box: IP 55



INDOOR EPOXY RESIN CAST POTENTIAL TRANSFORMERS

Indoor Dry Type Potential Transformer are available in following variation

- ▶ Up to 33kV
- ▶ Single Pole VT / Double Pole VT and Three Phase Voltage Transformer
- ▶ Burden Up to 500 VA
- ▶ Voltage Factor: 1.2 Un Continuous & 1.5 Un for 30 sec. / 1.9 Un 30 sec. and 1.9 Un for 8h.
- ▶ Accuracy Class (Metering and Protection Class as per IS IEC, ANSI), Other Standard on request
- ▶ 1.2/50 μ s LIV up to 200 kVp

Power System Control Manufacturers Voltage Transformer's with Distributed Gap core for better performance.



OUTDOOR OIL COOLED POTENTIAL TRANSFORMERS

Oil Cooled Outdoor type Current Transformer are available in following variation

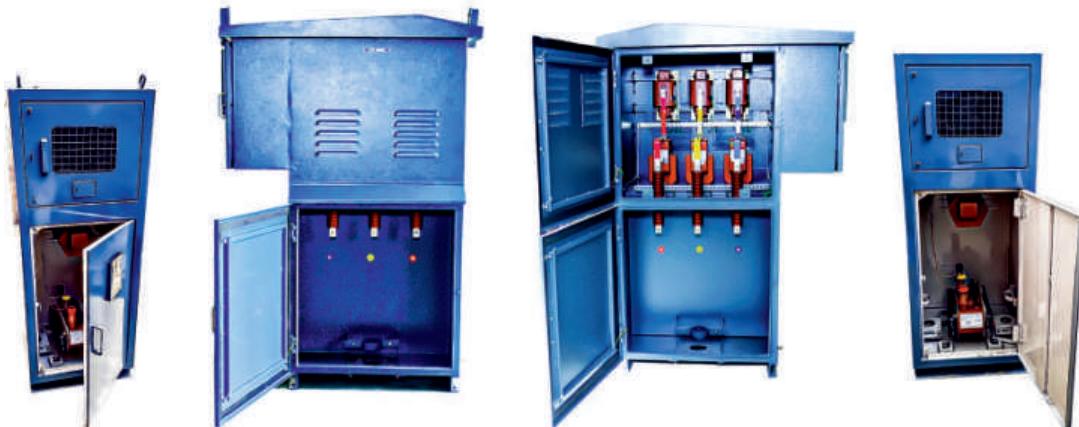
- ▶ Up to 33kV
- ▶ Single Or Double Pole Voltage Transformer (Only upto 33KV)
- ▶ Burden up to 500VA
- ▶ Voltage Factor: 1.2 un Continuous & 1.5 Un for 30 sec. / 1.9 Un 30 sec. and 1.9 Un for 8h
- ▶ Burden and Accuracy Class as per IS, IEC, ANSI (Other standard on request)
- ▶ 1.2/50 μ s LIV up to 650 kVp
- ▶ Ingress Protection of Secondary Terminal Box : IP 55



CT PT COMBINED METERING UNIT OIL COOLED AND DRY TYPE

CT PT Combined Metering Unit are available in following variation

- ▶ Up to 33kV
- ▶ Three Phase 4 Wire Metering Unit.
- ▶ Burden up to 500VA for VT and up to 30VA for CT
- ▶ Voltage Factor : 1.2 Un Continuous & 1.5 Un for 30 sec. / 1.9 Un 30 sec. & 1.9 Un for 8h
- ▶ Vp up to 33KV
- ▶ Vs = 110V
- ▶ Accuracy Class as per IS, IEC, ANSI (Other standard on request)
- ▶ 12/50 μ s LIV up to 200 kVp
- ▶ Ip up to 800 Amps.
- ▶ Is = 5A or 1A
- ▶ Ith up to 40 kA
- ▶



METERING CUBICLE

Oil Cooled Outdoor type Current Transformer are available in following variation

- ▶ Up to 33kV
- ▶ Three phase 4 wire metering Cubicles.
- ▶ Burden up to 500VA for VT and up to 30VA for CT.
- ▶ Voltage Factor: 1.2 Un Continuous & 1.5 Un for 30 sec. / 1.9 Un for 30 sec. & 1.9 Un for 8h
- ▶ Vp up to 33kV
- ▶ Vs = 110V
- ▶ Accuracy Class as per IS, IEC, ANSI (Other Standard on request)
- ▶ 12/50 μ s LIV up to 200 kVp
- ▶ Ip up to 800 Amps.
- ▶ Is = 5A or 1A
- ▶ Ith up to 40 KA
- ▶ Ingress Protection of Secondary Terminal Box: IP 55



RESIDUAL VOLTAGE TRANSFORMER

PSC Manufactures Residual Voltage Transformers up to 33 kV System Voltage. These Voltage Transformers are generally used along with Capacitor Banks.

Features:---

- ▶ Up to 33kV
- ▶ Three Phase Three Limb RVT 11KV Indoor Type
- ▶ Three Phase Five Limb RVT 11KV Indoor Type
- ▶ Core & Windings are placed in Steel Tanks
- ▶ Porcelain Bushing / Insulators are provided
- ▶ Earthing Terminals are Provided
- ▶ LV Terminal Box is Provided
- ▶ Power Up to 1000VA
- ▶ Primary Voltage upto 33kV
- ▶ Accuracy Class - 0.2, 0.5, 1, 3P, 5P (Standard IS, IEC, ANSI)
- ▶ Rated Voltage up to 33kV

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POWER SYSTEM CONTROL

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