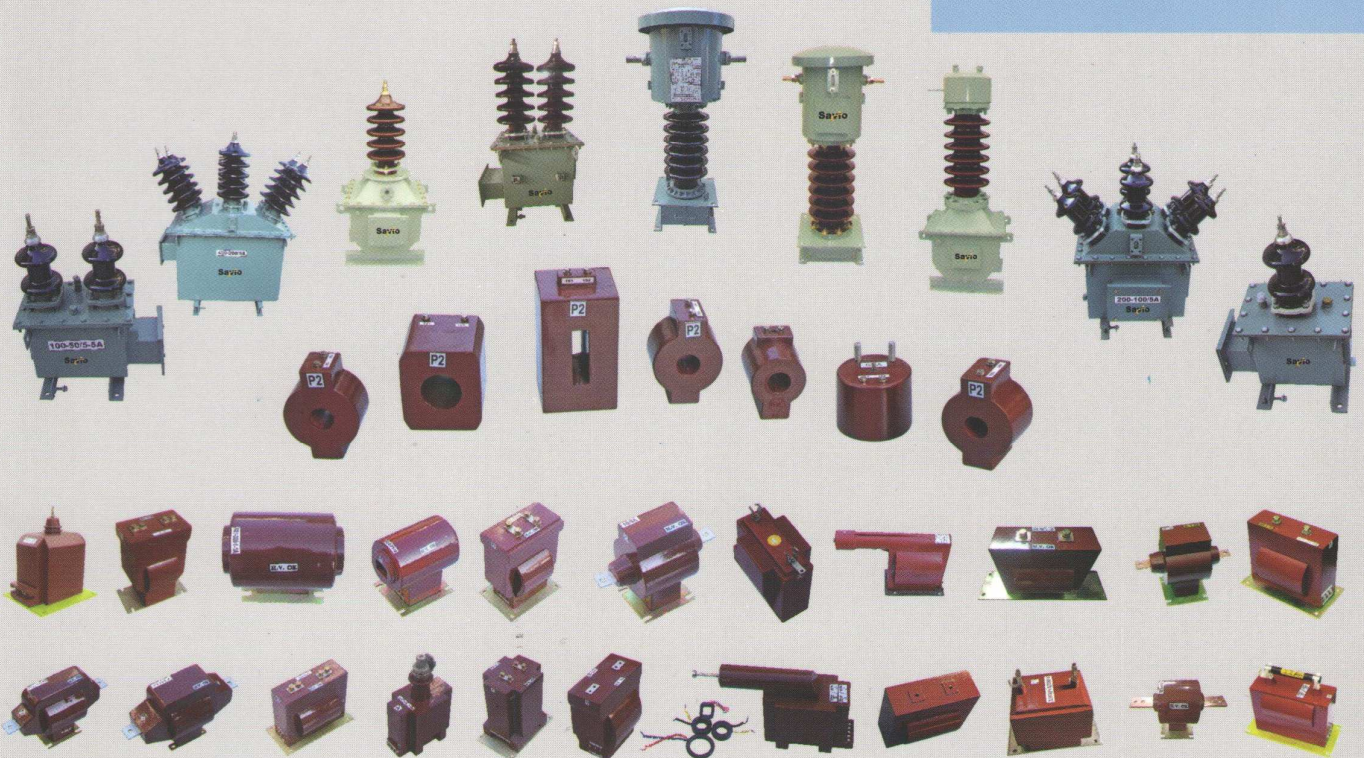


SAVIO

We Explore Future Opportunities for
Technologies and Humanities.

Savio



PRODUCT RANGE

- Outdoor OIP Insulated Current Transformers (CTs) upto 33 kV
- Outdoor OIP Insulated Inductive Voltage Transformer (IVTs) upto 33 kV
- Outdoor OIP Insulated Combined CT-PT Units upto 36 kV
- Epoxy Resin Cast Indoor CTs & PTs upto 36 kV
- Indoor CTPT Metering Cubicle with Epoxy Resin Cast CTs & PTs upto 36 kV

TYPE TESTED BY ERDA & CPRI

ABOUT US

SAVIO TRANSFORMERS INDUSTRIES established in the year 1996. We are leading manufacturer of Instrument Transformers (CTs & PTs) started manufacturing 24 years back by initially manufacturing Instrument Transformers 11 KV & graduated up to 66 KV. We are developing 132 KV Instrument Transformers and up to 100 KVA Distribution Transformers in the coming year. We have Two manufacturing units, Unit -1 located in Hapur, Near Ghaziabad U.P. (30 KM away from New Delhi) & Unit – 2 located in Bilaspur, Chhattisgarh.

Savio Transformers Industries is certified ISO 9001: 2015 & has supplied more than 1,00,000 units of Instrument Transformers Till 2019. We are supplying to various power utilities in India and have withstood test of time and have established proven track record.

With our low material intensive design and control on extravagant overheads, our products are competitively priced to meet all stringent demands in various segments. The company follows maintains and monitors an extensive quality management system & the success has been achieved through hard work and efforts of Experienced & Professional Technical Staff.



COMPANY PROFILE

Established in 1996, Savio Transformers has expanded such that is now a reputed name in the field of power, measurement and protection. We are one of the most reputed manufacturer of instrument transformers up to 33KV. We conduct routine test on each and every product manufactured in our part. Price, Quality, Delivery and support have been crucial in obtaining and retaining repeat business from our customer base.

VISION OF THE COMPANY

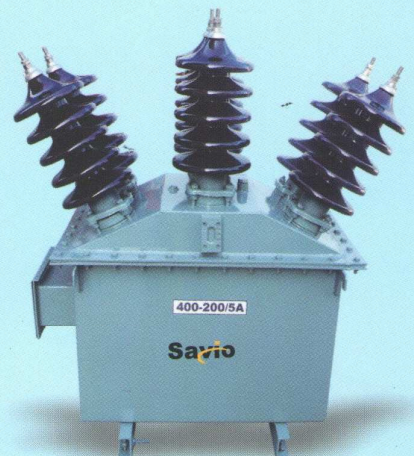
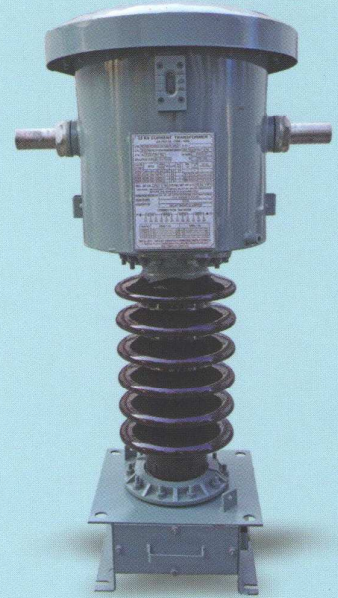
- Provide prompt and efficient supply of a quality product.
- Provide customized cost effective solutions.
- Provision of symbiotic relationship with our valued customers.
- Provide innovation through continued R&D.

PRODUCT PROFILE

1. Current Transformers

A current transformer constitutes the principle measuring device for protection and metering purpose in any power system. The important functions of a CT are

- To convert a high current value to a lower standard value.
- To maintain dielectric isolation between the primary and the secondary circuit.



OUR PRODUCT RANGE (CT)

Consists of the following : 1. Indoor resin cast CTs for switchgears upto 33KV.

2. Outdoor oil immersed CTs upto 33KV. 3. Bus duct CTs upto 33KV.

The class of accuracy for metering CTs are 0.1, 0.2, 0.5s, 0.5, & 1.0 and in case of protection CTs, it is 5P10, 5P20 and 10P10.

Other than class of accuracy, other factors need to be considered for a CT are ratio, rated burden, accuracy limit factor and knee point voltage etc.

POTENTIAL TRANSFORMERS

Design of standard instruments, relays or equipment normally does not permit them to be considered directly to the high voltage system. Potential Transformer therefore play a key role hereby performing the following functions:

1. For electrically isolating the instrument and relays from the high voltage side. 2. For transferring voltage from higher values to proportional lower values upto 63.5V, 100V or 110V as per the standard of the equipment.



Potential transformers are of :

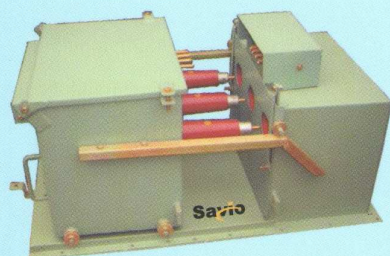
1. Indoor resin cast & oil cooled type. 2. Out door oil cooled type. The class of accuracy of metering PT are 0.1, 0.2, 0.5, 1.0 and protection PT is 3P

CT-PT COMBINED UNIT

CT-PT combined units are also called metering units. Metering units are used for both indoor/outdoor applications. These units are of dry type or oil immersed.

CT-PT Combined Unit Consists of :

- 02 nos. or 3 nos. single phase CTs & 03 nos single phase PTs
- 02 nos. single phase CTs & 01 no. three phase PT.
- 03 nos. single phase CTs & 01 no. three phase PT.



METERING CUBICLE/PANEL

Combination of CT-PT unit and metering chamber is called a metering cubicle/panel

PRODUCT FEATURES.

Our products have following salient features.

- Better Die Electric strength.
 - Better thermal characteristics.
 - Negligible ageing.
 - Safer installation.
 - Reliability.
-
- All designs developed are planned, reviewed, verified and completely validated by routine and type testing to the specified standards prior to production.
 - Process during winding and casting are monitored and recorded.
 - All instrument used are calibrated with traceability.





UNIT I

SAVIO TRANSFORMERS INDUSTRIES

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