



Manufacturers of Low and High Tension Instrument  
Transformers upto 132 KV



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YOUR  
*Reliable*  
PARTNER FOR INSTRUMENT  
TRANSFORMERS



## About Us

- Continental Engineers was established in 1983 in Jaipur, Rajasthan.
- We have been a major manufacturer in the current transformers industry for over 30 years.
- Our focus is on providing current transformers that are affordable while having an uncompromising policy towards quality.
- The ISO 9001 : 2015 Certification ensures that stringent methods are followed in all areas of operations such as Design, Marketing, Planning, Purchase, Production, Inspection at all stages and Dispatch.

- An ISO 9001 : 2015 company.
- BIS Certification on various products.
- More than 10,000 Projects executed successfully.
- All products are ERDA / CPRI tested.
- State of the art machineries to optimise production.
- Six sigma driven approach for defect free manufacturing.
- Management team from Ivy league colleges with extensive international exposure.
- All standards followed as per the IEC and IS.
- Approved and supplying to all major electricity boards, esteemed private clients and exports.
- We strive for constant innovation in existing product line and across other verticals.



**Manufacturers of Low and High Tension  
Instrument Transformers upto 132 KV**

## Mission & Vision



Product  
Quality



Cost  
Effectiveness



Innovation  
Everytime



On Time  
Delivery

## Management Team

### AMIT PANCHARYA, M.Tech (IIT, Delhi)

Mr. Amit Pancharya is the Founder, Chief Executing Officer and Director of the company. Having done his **M.Tech from IIT Delhi**, he has been the 'thinktank' behind executing key strategies for the success of the company over 30 years and has successfully diversified and advanced the business.

He has been imparting his technical expertise, gained over 30 years, by actively serving as **Professor at National Institute of Technology, Jaipur**.

### ADITYA PANCHARYA, Masters (SMU, Singapore)

Mr. Aditya Pancharya is the business development head of the company. Equipped with a Master's Degree from **Singapore Management University** and prior experience managing projects across the APAC region, he is responsible for expanding the business regionally and globally.

Aditya has worked previously with Citibank Singapore for over a period of 2 years. He also holds Bachelor of Information Technology.





### Electricity Utility Boards



### Some of Our Esteemed Private Clients



### Infrastructure

Continental Engineers , the factory has a built up area of 20,000 Sq.ft in the heart of Rajasthan, Jaipur.

### Quality

These facilities are equipped with the latest technology and highly skilled staff, which cumulatively helps to produce the best products. With our products, you:

- Avoid the frustration of paying more.
- Avoid cost-overruns because of non-receipt.
- Avoid huge losses everyday due to failures.

### Production Capacity

Production capacity of up to 15000 Units of Outdoor and 2.5 Lacs Units of Indoor Instrument Transformers and that can be expandable according to the projects.

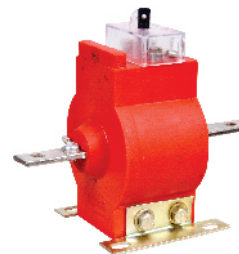
### ERP System

ERP System being implemented for all processes including material planning, purchase, production, invoice and HR.

### Low Tension Current Transformers

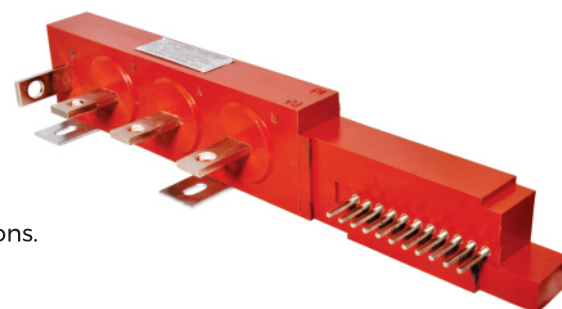


<b>Construction</b>	Tape Wound and Resin Cast
<b>Type</b>	Ring, Bar & Wound
<b>Primary Current Rating</b>	Upto 4000A
<b>Secondary Current Rating</b>	0.577A, 1A & 5A
<b>Insulation Level</b>	0.72/3kv
<b>Accuracy Class :</b>	
	For a) Metering : 0.1, 0.2, 0.2s, 0.5, 0.5s, 1.0 & 3.0
	b) Protection : 5P10, 10P10, 5P15, 10P15, 5P20, 10P20 & PS
<b>Burden</b>	Upto 40VA & Customer Requirement
<b>Standard</b>	IS 2705, IS3156
BIS Certified	
LT CT's & VT's can be supplied as per customer specification multiple primary Conductor compatibility	

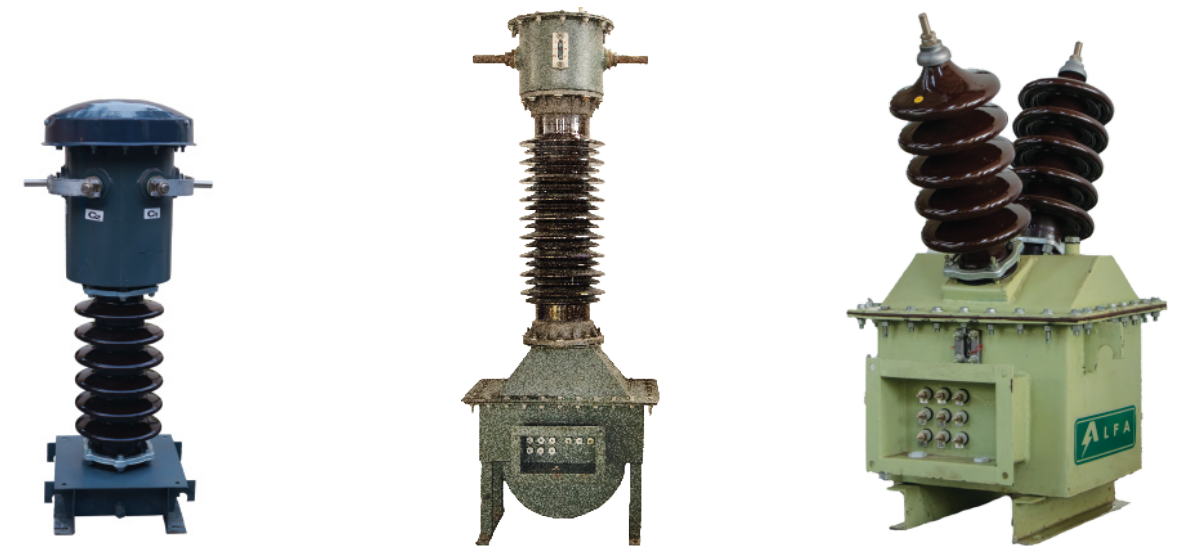


### 3 Phase / 4 Phase LT CT Bank/Block

- Almost pilfer-proof easy installation
- All phases and Neutral are casted in a single casting.
- The neutral & potential leads are brought out from inside the casting
- The secondary terminals can be casted to match meter terminal block to avoid secondary cross connections.
- **Class of Accuracy** : 0.1,0.2,0.5,0.2S,0.5S.

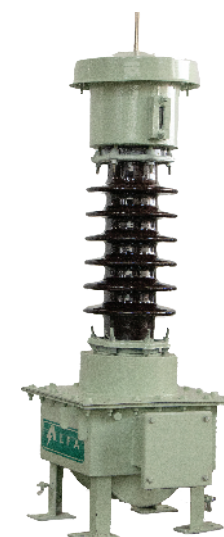


### High Tension Outdoor Current Transformers



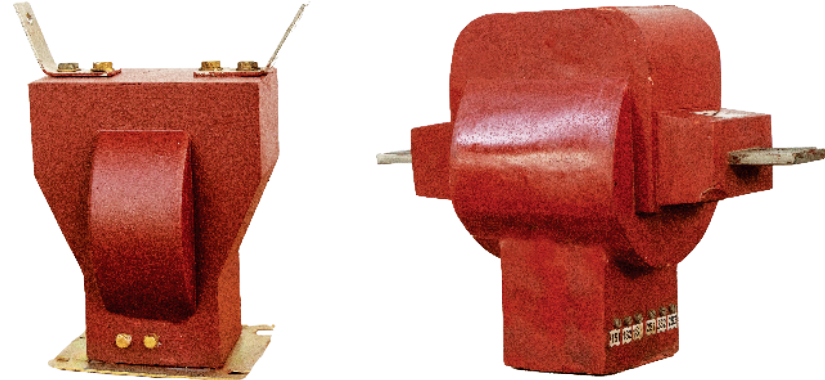
<b>Construction</b>	Oil Cooled
<b>Type</b>	Live & Dead Tank
<b>Primary Current Rating</b>	Upto 4000A
<b>Secondary Current Rating</b>	0.577A, 1A & 5A
<b>Insulation Level</b>	12/28/75 KVp, 24/50/125 KVp & 36/70/170 KVp
<b>Accuracy Class :</b>	
	For a) Metering : 0.1, 0.2, 0.2s, 0.5, 0.5s, 1.0 & 3.0
	b) Protection : 5P10, 10P10, 5P15, 10P15, 5P20, 10P20 & PS
<b>Burden</b>	Upto 40VA & Customer Requirement
<b>Standard</b>	IS 2705, IS3156, IEC 61869-1 & 61869-2
CT's can be supplied as per Customer specification	

### High Tension Outdoor Potential Transformers



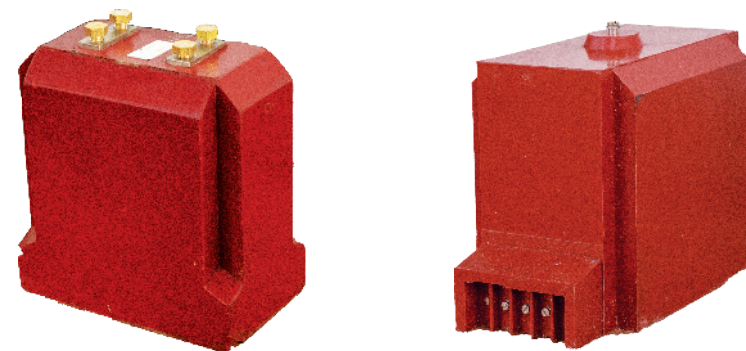
<b>Construction</b>	Oil Cooled
<b>Type</b>	Dead Tank
<b>Primary Voltage Rating</b>	Upto 132 KV
<b>Secondary Rating</b>	110 V & 63.5 V
<b>Application</b>	Metering and Protection
<b>Burden</b>	Upto 40VA & Customer Requirement
<b>Standard</b>	IS3156, IEC 61869-2
VT's can be supplied as per Customer specification	

### High Tension Indoor Current Transformers



Construction	Epoxy Resin cast
Type	Window, Bar & Wound
Primary Current Rating	Upto 4000A
Secondary Current Rating	0.577A, 1A & 5A
Insulation Level	12/28/75KVp, 125KVp & 36/70/170KVp
Accuracy Class :	
For a) Metering : 0.1, 0.2, 0.2s, 0.5, 0.5s, 1.0 & 3.0	
b) Protection : 5P10, 10P10, 5P15, 10P15, 5P20 & 10P20 & PS	
Burden	Upto 40VA & Customer Requirement
Standard	IS 2705, IS3156, IEC 61869-1 & 61869-2
CT's can be supplied as per customer specification	

### High Tension Indoor Potential Transformers



Construction	Epoxy Resin cast
Type	Wound, Fuse ( PT )
Primary Rating	Upto 33 KV
Secondary Rating	110 V & 63.5 V
Application	Metering and Protection
Burden	Upto 40VA & Customer Requirement
Standard	IS3156, IEC 61869-2
VT's can be supplied as per customer specification	

### Three Phase Outdoor Oil Cooled Combined CT - PT Metering Unit



Construction	Oil Cooled
Primary Current Rating	Upto 400A
Secondary Current Rating	0.577A, 1A & 5A
Insulation Level	12/28/75 KVp, 24/50/125 KVp & 36/70/170 KVp
Accuracy Class :	
For a) Metering : 0.1, 0.2, 0.2s, 0.5, 0.5s, 1.0 & 3.0	
b) Protection : 5P10, 10P10, 5P15, 10P15, 5P20 & 10P20 & PS	
Burden	Upto 40VA & Customer Requirement
Standard	IS 2705, IS3156, IEC 61869-1 & 61869-2
CT's & VT's can be supplied as per customer specification	

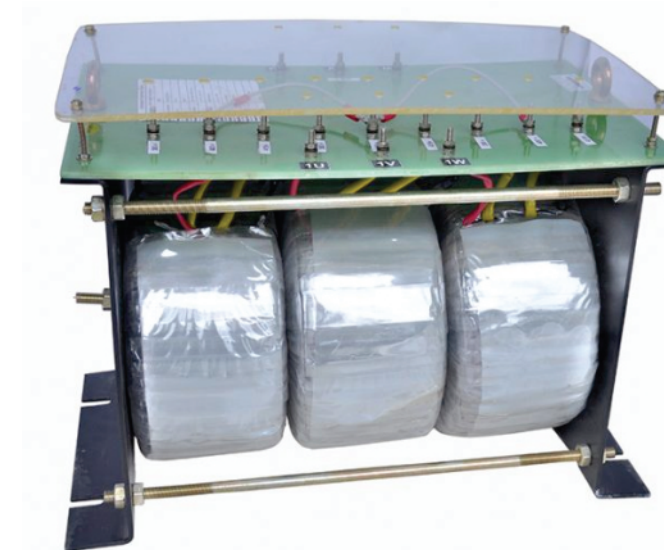
## Metering Cubicles



Construction	Indoor Type
Type	Window, Bar & Wound
Primary Current Rating	As per customer requirement
Secondary Current Rating	1A & 5A
Accuracy Class	0.1, 0.2, 0.2s, 0.5, 0.5s, 1.0 & 3.0
Burden	Upto 40VA & Customer Requirement
Standard	IS 2705, IS3156, IEC 61869-1 & 61869-2

- Complete dust & vermin proof confirming to IP55 with locking and sealing arrangement. Separate meter compartment and CT compartment
- Separate meter compartment and CT compartment. No secondary circuit wires are accessible outside which avoids chances of energy theft
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- Precision Revenue metering, control indication
- Used for double metering of Transformer
- Used on feeder metering for energy accounting

## Special Transformers



- Control Transformer upto 50KVA
- Toroidal Control Transformer
- Three Phase Voltage Transformer
- Bus-Duct Current Transformer
- Bushing Current Transformer
- Summation Current Transformer
- Core Balance Current Transformer
- Interposing Current Transformer
- Isolation Voltage Transformer