



NEXIFY ENGINEERS LLP

Leading Manufacturer of LT & HT
Current Transformers, Potential
Transformers, Instrument
Transformers, and LT Control
Transformers.

COMPANY OVERVIEW

- **At Nexify Engineers LLP**, we specialize in the design and manufacturing of **Low Tension (LT)** and **High Tension (HT) Current Transformers** as well as **Instrument Transformers**. With a strong commitment to quality, precision, and customer satisfaction, we offer advanced solutions including **Resin Cast, Plastic Casing, and Wound Tape Type** current transformers for metering and protection applications.
- Additionally, we manufacture **Control Transformers** and **Potential Transformers** tailored to meet the diverse needs of industries across various sectors.
- **Founded in Delhi**, Nexify Engineers LLP serves a broad spectrum of clients, ranging from **private panel manufacturers** to **State DISCOMs, AMISP projects**, and the **oil & gas sector**. Our products are meticulously engineered to meet the most stringent industry standards, ensuring **precision, safety, and reliability** in energy measurement and protection systems.



OUR PRODUCTS

LT CURRENT TRANSFORMERS (IS 2705/16227)

Nexify Engineers LLP offers a variety of LT/HT Current Transformers (IS 2705/16227) that cater to different industrial and operational needs. Our product line includes:

Resin Cast LT Current Transformers 50/5A/1A To 2000/5A/1A

- Window Type Current Transformer
- Bar Primary Type Current Transformer
- Wound primary Type(WPL) Current Transformer
- Varnished Fiber Glass Tape insulated Current Transformer
- **Key Features:**
 - High-precision design for accurate metering and protection.
 - Resin-based insulation for superior durability and environmental resistance.
 - Compact, lightweight, and easy to install, making them ideal for various applications.
 - Used widely in distribution systems and energy management solutions.



OUR PRODUCTS

HT CURRENT TRANSFORMERS (IS 2705/16227)

Nexify Engineers LLP specializes in the design and manufacturing of **Resin Cast High Tension (HT) Current Transformers** for reliable and accurate current measurement and protection in high-voltage systems. Built to withstand demanding electrical environments, these transformers are ideal for indoor installations in switchgear, panels, and substations.

Available in multiple accuracy classes (e.g., 0.2, 0.5, 1.0, 5P10, 5P20, 10P10) for both metering and protection applications.

- Conforms to IS: 2705 Standards
- Dry-Type Resin Cast Construction
- High Accuracy Class Options
- Thermal & Electrical Endurance
- Indoor Use (IP Rated)
- Wide Range of Ratios & Burden
- Compact & Maintenance-Free
- Mounting Flexibility



OUR PRODUCTS

LT/HT VOLTAGE TRANSFORMERS (IS 3156)

NEXIFY ENGINEERS LLP OFFERS A COMPREHENSIVE RANGE OF LT/HT VOLTAGE TRANSFORMERS CONFORMING TO IS 3156 STANDARDS, DESIGNED TO MEET DIVERSE INDUSTRIAL AND OPERATIONAL REQUIREMENTS. OUR PRODUCT PORTFOLIO INCLUDES:

- **Resin Cast / Tape Wound Voltage Transformers** – Durable and compact, suitable for indoor applications requiring enhanced insulation and mechanical strength.
- **Measuring Voltage Transformers** – Precision-engineered for accurate voltage measurement in metering and monitoring systems.
- **Protective Voltage Transformers** – Designed for reliable operation in protection circuits, ensuring the safety of electrical equipment.
- **Varnished Fiberglass Tape Insulated Voltage Transformers** – Cost-effective and robust solutions with excellent insulation and thermal performance for varied environments.

Each transformer is built with a commitment to quality, safety, and performance, ensuring dependable operation in your power systems.





OUR PRODUCTS

Wound Tape/Varnished Fiber Glass Tape insulated Current Transformer

- **Key Features:**

- Built for both metering and protection applications.
- Strong mechanical strength, ideal for high load applications.
- Perfect for environments that require enhanced resistance to vibrations and external forces.
- Flexible in handling varying levels of electrical current for various system designs.

OUR PRODUCTS

NYLON CASING CURRENT TRANSFORMER (CT)

- A nylon casing current transformer (CT) uses a housing made of nylon 66, a flame-retardant and high-temperature-resistant polymer. The nylon casing provides enhanced durability and safety compared to conventional casings made from materials like ABS



OUR PRODUCTS

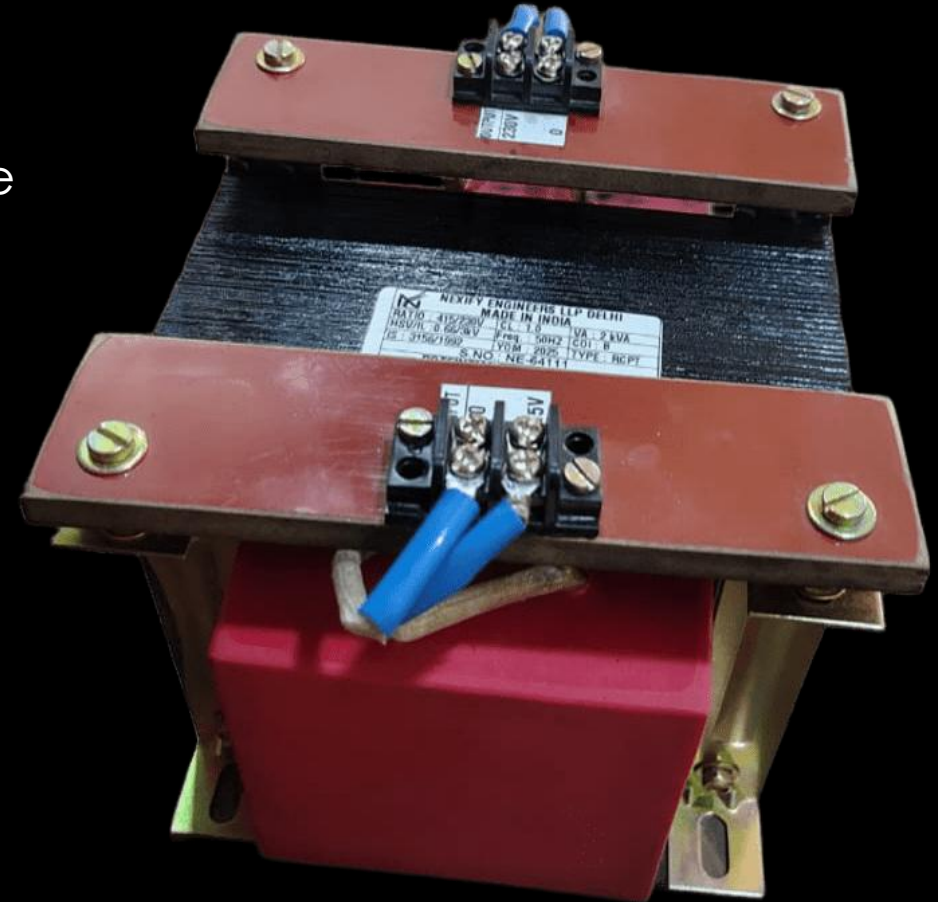
CONTROL TRANSFORMERAS PER INDIAN STANDARDS (IS: 12021 / RELEVANT IS)

CONTROL TRANSFORMER

Nexify Engineers LLP designs and manufactures high-performance **Control Transformers** to ensure reliable voltage supply to control circuits in both industrial and commercial applications.

Product Variants:

- Single-phase Resin Cast / Tape Wound Control Transformer
- Three-phase Resin Cast / Tape Wound Control Transformer



OUR PRODUCTS

Mini PCB Mounting Current Transformers

- Application would include current, Power and Energy Monitoring Device.
- Current Measurement.
- Precision Power Meter.
- Low Cost, Small Size, High Accuracy, PCB Mounting Pattern



Mini PCB Mounting Current Transformer Ratio: CT 500T, 1000T, 2500T (5A, 20A, 50A & 100A)

It is a micro precision current transformer having a turns different ratio can monitor & maximum AC current of 5-100 AMP. It is a micro current transformer is very compact and light weight and can be easily mounted on PCB making it perfect for various power monitoring applications.

Current Transformer provides high accuracy and high isolation (4000 volts) making it perfect for your next AC current monitoring project.

Silent Features :

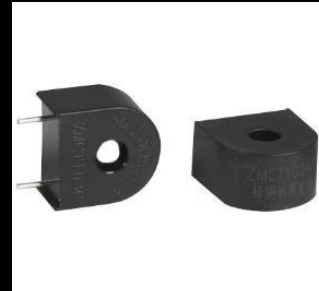
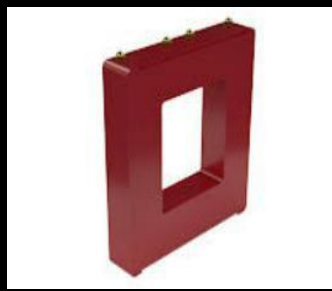
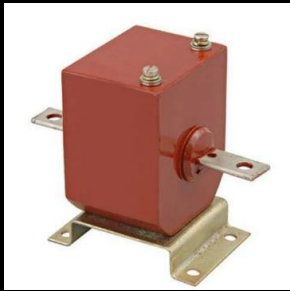
- Application Would Include Current, Power, and Energy Monitoring Device
- Current Measurement
- Precision Power Meter
- Low Cost, Small Size High accuracy, PCB Mounting Pattern

Specification of 5-100 AMP AC Current Transformer:

- Input Current : 0 - 20 Ampere (100Ω)
- Output Current : 2.5mA at 5 Ampere
- Turns ratio : 2000:1
- Phase angle Error : Input 1 A, Sampling Resistor 100Ω
- Linearity : $\leq 0.2\%$
- Permissible error $-0.2\% \leq f \leq +0.2\%$

OUR PRODUCTS

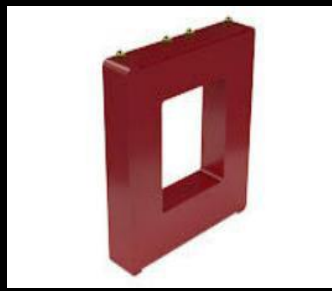
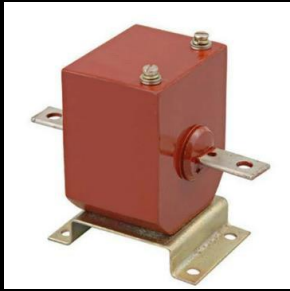
METERING CURRENT TRANSFORMERS



Sr. No.	CT TYPE	Primary Current	Max. VA	Accuracy Class	Secondary Current
1	BAR Type	Up To 100A	5VA	Class-0.2, 0.5 & Class-1	1A & 5A
2	Ring Type	Up to 2500A	15VA	Class-0.2, 0.5 & Class-1	1A & 5A
3	Rectangular ID	Up to 6000A	15VA	Class-0.2, 0.5 & Class-1	1A & 5A
4	WPL	5A to 100A	15VA	Class-0.2, 0.5 & Class-1	1A & 5A
5	Mini PCB Mounting	Up to 20A	Customizable	Customizable	Up to 5A

OUR PRODUCTS

PROTECTION CURRENT TRANSFORMERS



Accuracy Class	$\pm$ % Ratio Error at Rated Current	$\pm$ Phase displacement Error (in minute) at Rated Current	% Composite Error at rated Accuracy Limit Primary Current
5P	1	60	5
10P	3	-	10
15P	5	-	15

KEY ACHIEVEMENTS

- **Commitment to Quality:**
We have consistently delivered high-quality products, ensuring that each transformer undergoes rigorous testing and quality checks before it reaches our customers.
- **Customer-Centric Approach:**
Our dedication to on-time delivery and exceptional customer service has earned us recognition as a trusted partner in the industry.
- **Industry Recognition:**
Nexify Engineers LLP is proud to be a preferred supplier for numerous **Private Panel Manufacturers, State DISCOMs, and AMISP Projects**, showcasing our excellence and reliability in the LT/HT Instruments Transformer market

OUR VISION & MISSION

- **Vision**

- To be a global leader in the manufacturing of LT/HT Instruments Transformers, Control Transformer & Voltage Transformer recognized for innovation, quality, and service excellence.

- **Mission**

- To provide our clients with state-of-the-art current transformers that meet the highest standards of accuracy, safety, and reliability, while continuously improving our processes to exceed customer expectations



WHY CHOOSE US?

- **Precision Engineering:** Every product is crafted with precision, using state-of-the-art technology to ensure unmatched accuracy and longevity.
- **Reliability:** With a strong commitment to quality, we ensure that our transformers are built to last and perform under the most demanding conditions.
- **Customer Focused:** We take pride in understanding our clients' needs and offering tailored solutions that best meet their requirements.



OUR MANUFACTURING FACILITY

- Our manufacturing facility is equipped with cutting-edge machinery and technology, ensuring that each transformer is built to the highest standards of quality and performance. We adhere to international best practices in production, testing, and quality assurance.

CONTACT US

- **Head Office:**

Nexify Engineers LLP, Plot No. 4, KH. No.
532 Shop No.1 Ground Floor, Prithvi
Apartment, Near Shalimar Palace, Burari
Garhi Delhi 110084

Contact No:-9211703504

Email ID:- nexifyengineering@gmail.com

- **Manufacturing Unit-1:**

Nexify Engineers LLP, Plot No. O-111,
DSIIDC Industrial Area, Sector-3, Bawana
Delhi 110039

SCAN ME

