Indoor Resin casted type (LV-CT)

Compact, epoxy resin insulated current transformers designed for accurate measurement and reliable protection in indoor medium-voltage systems.

- Voltage ratings up to **36 kV**
- Current ratings up to **20,000 A**
- Available in **Wound, Bar & Window** types
- High accuracy for **metering & protection**
- Robust epoxy resin insulation for long service life
- Custom designs compliant with **IEC 60044 / IS 2705 / ANSI C57.13** standards



Applications:



Medium Voltage Switchgear | Electrical Substations | Ring Main Units | Industrial Power Distribution | Solar & Renewable Energy Systems

Standex GRID Electronics | narayan powertech pvt. ltd.

Outdoor Resin casted type (LV-CT)

Weather-resistant resin cast current transformers designed for accurate measurement and reliable protection in outdoor medium-voltage installations.

- Suitable for **outdoor applications up to 36 kV**
- Hydrophobic epoxy resin for superior weather and UV resistance
- Current ratings up to **20,000 A**
- Available in **Wound, Bar & Window** designs
- High accuracy for **metering and protection**
- Customizable configurations to **IEC 60044 / IS 2705 / ANSI C57.13** standards
- Designed for long-term reliability in harsh environmental conditions

Window type





Applications:



Outdoor distribution substations | Pole-mounted switchgear | Utility Transmission & Distribution Networks | Solar & Renewable Energy Systems | outdoor power systems

Standex GRID Electronics | narayan powertech pvt. ltd.

Miniature (LV-CT)

Miniature Current Transformers (CTs) provide compact, accurate current measurement and protection, making them ideal for space-constrained electrical and electronic applications.

- Compact and space-saving design
- Accurate current measurement
- Reliable performance and long service life
- Suitable for PCB and panel-mounted applications
- Available in different ratios and configurations
- Designed for metering, monitoring and protection



Applications:



Energy meters | **Smart meters** | **Power monitoring systems** | **Industrial automation systems** | **Renewable energy systems** | **Battery management and energy storage systems**

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Medium voltage Current Transformer (MV-CT)

Converts high primary current into a safe, standardized secondary current for accurate metering, monitoring, and protection in medium-voltage power systems.

- Designed for **medium-voltage systems up to 36 kV**.
- Available in **Indoor Resin Cast, Outdoor Resin Cast, and Outdoor Oil-Insulated** designs.
- Supports **primary currents up to 20,000 A**.
- High-accuracy classes for **metering and protection** (IEC & ANSI compliant).
- Available in **multi-core configurations** for simultaneous metering and relay protection.



Applications:

- Medium Voltage Switchgear
- Electrical Substations
- Energy Metering
- Protection Relays
- Industrial Power Distribution
- Solar & Renewable Energy Systems
- Utility Distribution Networks
- Ring Main Units

Standex GRID Electronics | narayan powertech pvt. ltd.

Indoor Resin casted type (MV-CT)

Reliable epoxy resin insulated current transformers for accurate measurement and protection in indoor medium-voltage applications.

- Voltage ratings up to **36 kV**
- Current ratings up to **20,000 A**
- Available in **Wound, Bar & Window** designs
- High accuracy for **metering and protection**
- Epoxy resin encapsulation for superior insulation and long service life
- Available with **single or multiple cores** and multi-ratio options
- Designed to **IEC 60044 / IS 2705 / ANSI C57.13** standards with customizable configurations



Applications:



Medium Voltage Switchgear | **Electrical Substations** | **Ring Main Units** | **Industrial Power Distribution** | **Solar & Renewable Energy Systems**

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Outdoor Resin casted type (MV-CT)

Weather-resistant resin cast current transformers designed for accurate measurement and reliable protection in outdoor medium-voltage installations.

- Suitable for **outdoor applications up to 36 kV**
- Hydrophobic epoxy resin for superior weather and UV resistance
- Current ratings up to **20,000 A**
- Available in **Wound and Bar** designs
- High accuracy for **metering and protection**
- Customizable configurations to **IEC 60044 / IS 2705 / ANSI C57.13** standards
- Designed for long-term reliability in harsh environmental conditions

Bar type







Applications:

- Medium Voltage Switchgear
- Outdoor Substations
- Energy Metering
- Protection Relays
- Industrial Power Distribution
- Solar & Renewable Energy Systems
- Utility Distribution Networks
- Ring Main Units

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Outdoor Oil insulated type (MV-CT)

Weather-resistant resin cast current transformers designed for accurate measurement and reliable protection in outdoor medium-voltage installations.

- Primary current rating up to **6,000 A**
- Available in **Live Tank and Dead Tank** configurations
- **Multi-ratio** design with secondary tapings
- Short-time withstand capability up to **40 kA / 3 sec**
- Insulation level up to **36 kV**, BIL up to **170 kVp**
- Suitable for **50–60 Hz** systems
- IP63-protected secondary terminal box
- Customized electrical, mechanical and mounting configurations available







Medium-voltage substations

Outdoor switchyards and switchgear

Power generation & distribution systems

Relay protection systems

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Bushing Current Transformers

Compact current transformers designed for accurate current measurement and reliable protection in power transformers, circuit breakers, switchgear and other high-current equipment.

- Designed for **high-current applications up to 20,000 A**
- Compact design for **easy integration with bushings**
- Available for **metering and protection** applications
- High accuracy with **customizable ratings and secondary outputs**
- Used in **transformers, circuit breakers, switchgear and substations**
- Suitable for **overcurrent, earth-fault and monitoring systems**

Power transformers | **Circuit breakers** | **Switchgear & substations** | **Transformer protection systems** | **Winding Temperature Indicator** | **Metering & energy measurement** | **fault protection** | **Monitoring and control systems**

Resin






GIS






Plastic





tape wound





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