Centrado leading-edge transformer products are designed to optimize safety and produced to deliver a great electrical power experience and solution - for factory, infrastructure, home industry, business and home electricity.

Centrado transformers are produced with the most current machine and adopting advanced technologies to meet a high quality transformer.

All of the Centrado product ranges are produced using high quality cooper with enamel isolated to deliver a great performance, reliability, durability and conformance to the user.

http://www.sentrapower.com
**DISTRIBUTION TRANSFORMER**

- **Capacity**: 25 KVA up to 10,000 KVA
- **Phase**: 3 Ph / 1 Ph
- **Primary**: 20 KV
- **Secondary**: 400 V
- **Type**: ONAN

**AUTO TRANSFORMER**

- **Capacity**: 1 KVA up to 1000 KVA
- **Phase**: 3 Ph / 1 Ph
- **Primary**: 400/231 – 380/220 – 220/127 – 200/115 V
- **Type**: Dry / Oil

**ISOLATION TRANSFORMER**

- **Capacity**: 1 KVA up to 1000 KVA
- **Phase**: 3 Ph / 1 Ph
- **Primary**: 400/231 – 380/220 – 220/127 – 200/115 V
- **Type**: Dry / Oil

[http://www.sentrapower.com](http://www.sentrapower.com)
**RECTIFIER TRANSFORMER**

- **Capacity**: 500 Amp up to 10,000 Amp
- **Primary**: 220 / 380 V
- **Secondary**: 0 – 6V – 12V – 20V – 24V (DC)
- **Cooling system**: Fan / oil

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**STARTING TRANSFORMER**

- **Capacity**: 3 HP up to 1500 HP
- **Primary**: 220 - 380 V
- **Secondary**: 0% – 50% - 65% - 80% - 100%

[http://www.sentrapower.com](http://www.sentrapower.com)
Centrado transformers are being adjusted to distributed voltage in Indonesia from 3 KV, 6 KV, 7 KV, 12 KV, 20 KV, 24 KV. The tap changer are at 2.5%, 5% and 10% are operated outside tank at unloaded condition. Centrado distribution transformer offers wide capacity range from 25 KVA up to 12.500 KVA.

At low voltage with unloaded condition, centrado transformer are produced at 133V/231V (B1) and 231V/400V (B2) or can be combined with simultaneous running with nominal 75% loaded voltage on B1 and 100% on B2.

Centrado transformer can handle dielectric test at high voltage (50Hz) and the impulse voltage are according to IEC standard by using magnetic core that made from grain oriented silicon steel with V shape designed to decrease iron losses, copper losses and operation noise that also reduce the size of transformer.

Centrado transformer can hold on short circuit and well tested with routine test, induced test, standard IEC test and quality control that give centrado transformer a new certification in ISO 9001 : 2001.

Centrado transformer are generally designed with two type of Vector such as:

- 25 KVA - 160 KVA : Yzn
- 200 KVA - 10,000 KVA : Dyn
Coil at middle voltage are using great quality copper with enamel isolated and for the low voltage are using great quality copper foil.

Middle Voltage tap are using elastimould synthetic resin or porcelain bushing and for the low voltage tap are using porcelain bushing or mould cooper.

**Distribution Transformer Accessories**

- **Included accessories**
  - High tension porcelain bushing
  - Low tension porcelain bushing
  - Manual of load tap changer
  - Thermometer pocket
  - Radiator
  - Oil level indicator
  - Pressure valve
  - Drain valve
  - Safety valve
  - Conservator
  - Earth terminal
  - Rollers
  - Hanger lugs

- **Optional accessories**
  - RIS / DMCR
  - Dial thermometer
  - Elastimold
  - Cable Box
  - Pressure Relief Valve
  - Pressure Vacuum Gauge
  - Nitrogen Filling Valve
Routine Test

- Ratio test
- Iron loses test
- Impedance test
- Dielectric test 60 KV
- Insulation test
- Copper loses test
- Resistance winding machine
- Over voltage test 350 Hz

Warranty

The Centrado transformer purchased is covered by a limited warranty program for a period of a 1 year, validity starting from the date of purchase.

Our Additional Service

- Purifying Oil transformer
- Repair transformer
- Commissioning service
- Electrical installation

Customer Support

PT. Sentra Power Nusantara provides an extra element of peace of mind to reliable products and service with its comprehensive customer support operation. Knowledgeable support staffs are available to resolve the rare technical support issue.

Corporate Address

PT. Sentra Power Nusantara
Sales Operation of Centrado Transformer

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