

# ISOLATION POWER TRANSFORMER



**QPS** Isolation Power Transformer is suitable for any industrial, commercial, manufacturing, production process and data center application. Isolation Power Transformer can be offered for a variety of environment conditions, for instance K-Factor transformer, UPS transformer, and Marine transformer.

**QPS** transformer is safe, reliable and durable. Not only do we produce top quality transformers but we also custom build transformers according to customers' design and specifications according to IEC 60076.

## **Enclosures**

Enclosures for QPS transformers are manufactured from cold-rolled steel sheet and finished with epoxy powder coat. Different Ingress Protection (IP) categories could be supplied upon request up to IP54. Enclosures can also be manufactured to meet customers' special requirements.

## **Type Testing**

Upon request, the following type test can be carried out at extra costs.

- Temperature rise test

\*Certifications by testing body are available upon request.

## **Facilities**

- Foil winding machines
- Wire winding machines
- Vacuum impregnation facility
- Comprehensive testing equipment and facility

# TECHNICAL SPECIFICATIONS

## **CAPACITY**

- Up to 2500kVA

## **RATED VOLTAGE**

- Up to 1000V
- Above 1000V (Customized Design)

## **RATED FREQUENCY**

- 50Hertz or 60Hertz

## **AMBIENT TEMPERATURE**

- 40°C
- Others upon request

## **INSULATION CLASSIFICATION**

- Class F & H
- Others upon request

## **REFERENCE STANDARD**

- IEC 60076
- IEC 61558

## **TRANSFORMER CORE MATERIAL**

- High grade electrical steel

## **WINDING CONDUCTORS**

- Copper or Aluminium wire
- Copper or Aluminium foils

## **OPTIONAL ACCESSORIES**

- Enclosures up to IP54
- MCCB/MCB with or without shunt/under-voltage trip
- Ammeter and Voltmeter
- Temperature measurement device
- Fan fail detector
- Castor wheels
- Ventilation fan
- BMS free contacts
- Buzzer and Indication lights
- Earth Fault relays