

CONTROL TRANSFORMER



The **QPS** series of control transformers are specifically designed for high inrush applications requiring reliable output voltage stability.

The control transformer provides excellent voltage regulation and it is designed to produce a high level of secondary voltage stability during brief periods of overload condition.

It is generally used in industrial applications such as switchboard panels or PLC power supplies.

It is widely used in electronic or electrical circuit that requires constant voltage or constant current with a low power or volt-amp rating. It is also used in industrial applications where electromagnetic devices such as relays and solenoids are used that draws high current during energizing.

TECHNICAL SPECIFICATIONS

CAPACITY

- 50VA to 5000VA

PRIMARY VOLTAGE RANGE

- 415V – 2 Phase
- 400V / 690V – 3 Phase

SECONDARY VOLTAGE RANGE

- 220V – 1 Phase
- 110V – 3 Phase

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 wire
- Aluminium wire

TERMINATION OF WIRES

- 2.5mm² Polyamide 66 material with high temperature resistance connector
- WAGO Terminal Blocks

OPTIONAL DESIGN

- Optional design is catered upon request