



GALVANIC ISOLATION TRANSFORMERS



Galvanic Isolation transformer

ensure that the network and the load are isolated from each other. They are used to prevent electric shock and to minimize the effects of problems that may occur in the network on the devices. They prevent the reflection of magnetic noises in the network to sensitive industrial devices and the reflection of electrical pollution created by devices with non-linear structures to the network.

Galvanic Isolation Transformers are produced as single-phase and three-phase and are sold in IP23 protection class cabinets.

Areas of Use

- UPS Systems
- Medical Devices
- CNC Machines
- Ships and Boats
- Dockyards
- Metal Processing Facilities
- Rectifier and Battery Chargers
- Industrial Machinery Electricity Supply Devices



SINGLE PHASE 2kVA -40kVA TECHNICAL SPECIFICATIONS

Type	: Dry Type
Standard	: TS EN IEC 61558 – 2
Input Voltage	: 220V
Output Voltage	: 220V
Winding Material	: Aluminum (optional Copper)
Phase 1 Frequency	: 50-60Hz
Insulation Class	: F
Insulation Voltage	: 3000V
Operating Temperature	: 40°C
Transformer Efficiency	: 97-96%



TECHNICAL SPECIFICATIONS BETWEEN THREE PHASE 10kVA-2000kVA

Type	:Dry Type
Standard	:TS EN IEC 61558 - 2
Input Voltage	:400V
Output Voltage	:400V
Winding Material	:Aluminum (optional Copper)
Phase	:3
Connection Group:	Yy0
Frequency	:50-60Hz
Insulation Class	:F
Insulation Voltage	:3000V
Operating Temperature	:40°C
Transformer Efficiency:	97-96%



INNOVATIVE ENERGY SYSTEMS

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The company reserves the right to change specifications and designs without notice.