

# Drive Isolation Transformer

Drive Isolation Transformers are designed for SCR (Silicon Control Rectifier) variable speed motor drive applications where a transformer is needed to magnetically isolate the incoming line from the motor drive. The transformer must also provide a voltage change to match the required voltage of the SCR Drive. Standard designs are delta primary and wye secondary to match the common power sources required in most three phase rectifier circuits.



## Specifications

### Standard Compliance

- ✓ IEC 60076
- ✓ EN 61558

### Primary/Secondary Voltage Range

- ✓ Up to 1000V

### Winding Material

- ✓ Aluminium Foil
- ✓ Copper Foil
- ✓ Enameled/Nomex insulation Aluminium Wire
- ✓ Enameled/Nomex insulation Copper Wire

### Silicon Steel

- ✓ Non Grained Oriented Silicon Steel (NGO)
- ✓ Grained Oriented Silicon Steel (GO)

### Varnish

- ✓ High grade polyester varnish

### Insulation Class

- ✓ Based on IEC 60085 Insulation Thermal Class
- ✓ Class Y (90°)
- ✓ Class A (105°)
- ✓ Class E (120°)
- ✓ Class B (130°)
- ✓ Class F (155°)
- ✓ Class H (180°)
- ✓ Class N (200°)

### Cooling

- ✓ Air Natural Cooling (AN)
- ✓ Air Force Cooling (AF)

### Ambient Temperature

- ✓ Maximum ambient temperature 40°C
- ✓ Up on customer request

### Metal Enclosure Protection Class

- ✓ Standard enclosure IP20
- ✓ Up to enclosure IP43

### Certifications

- ✓ CE

### Capacity

- ✓ Up to 2000KVA



## Product Enquiry

### Contact:

Email : [sales@tamura.com.my](mailto:sales@tamura.com.my)

Telephone : +6 03 5525 6000

Fax No : +6 03 5510 1013

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## Catalog

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## CONTACT US

Tamura Electronics (M) Sdn. Bhd. (17297-M),  
 Lot No.2, Jalan Halba 16/16, Seksyen 16,  
 40200 Shah Alam,  
 Selangor, Malaysia.

Telephone : 603-5525 6000

Fax : 603-5510 1013

E-Mail : [sales@tamura.com.my](mailto:sales@tamura.com.my)