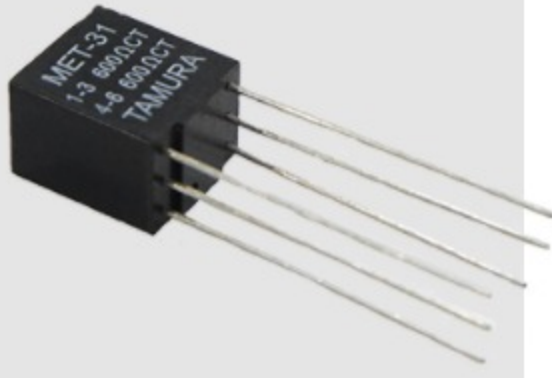


# Pulse Transformer

A pulse transformer is a transformer that is optimised for transmitting rectangular electrical pulses (that is, pulses with fast rise and fall times and a relatively constant amplitude). Small versions called signal types are used in digital logic and telecommunications circuits, often for matching logic drivers to transmission lines. Medium-sized power versions are used in power-control circuits such as camera flash controllers. Larger power versions are used in the electrical power distribution industry to interface low-voltage control circuitry to the high-voltage gates of power semiconductors. Special high voltage pulse transformers are also used to generate high power pulses for radar, particle accelerators, or other high energy pulsed power applications



## 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 5KVA
- ✓ Can request for higher capacity



## Product Enquiry

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## Catalog

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