

## TRANSFORMERS

# SINGLE PHASE TRANSFORMERS

## HIGH FREQUENCY SMPS TRANSFORMERS

High frequency transformers, with ferrite cores, are commonly used in telecommunication applications, switch mode power supplies, household appliances, and security and lighting systems. They are designed commonly between 10 - 240 kHz frequency values, and their ferrite core has very high magnetic flux values so that their dimensions are quite small compared to iron core transformers.

### POWER TRANSFORMERS

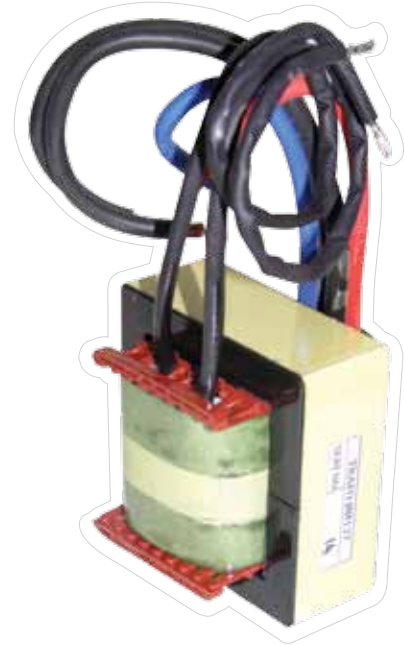
- Smps Transformers
- Driver Transformers
- Impulse Transformers
- Current Transformers

### FILTERS AND CHOKE BOBINS

- Line Filters
- Smps Chokes
- Oscillator Chokes
- Emi / Rfi Chokes

### TELECOMMUNICATION AND AUDIO TRANSFORMERS

- Line Transformers
- Line Chokes



### GENERAL TECHNICAL SPECIFICATIONS

STANDARDS	EN 61558-1 EN 61558 2-1 , CE certified.
NOMINAL POWER	< 1000 VA
NOMINAL INPUT VOLTAGE	< 1000 V AC
NOMINAL OUTPUT VOLTAGE	< 1000 V AC
NOMINAL FREQUENCY	< 240 kHz
MAGNETIC CIRCUIT	Ferrite core
WINDINGS	Electrolytic copper H 180 °C
CONNECTIONS	Pins, cables
PROTECTION CLASS	IP 00
ISOLATION CLASS	B 120 °C, F 155 °C
OPERATING TEMPERATURE	Ta 40 °C / B Ta 55 °C / F
COOLING	Natural
IMPREGNATION	According to insulation class, protection against moisture, lesser sound level
HUMIDITY	%90 non-condensing ( DIN 40040 )
OPERATING ALTITUDE	0 - 2000 m
AMBIENT TEMPERATURE	- 20 °C ..... + 40 °C
STORING TEMPERATURE	- 20 °C ..... + 70 °C
MANUFACTURING IN TERMS OF CUSTOMER NEED	Special design is possible according to voltage, current and frequency values.