

Miniature Voltage Transformers

PTE(Screws) Series

The series of Screws Mounted Miniature Voltage transformers are designed specifically for integration into products which require exceptionally accurate primary signal transfor-mation while exposed to harsh environmental operating con-ditions.

It can save time and the installation costs.

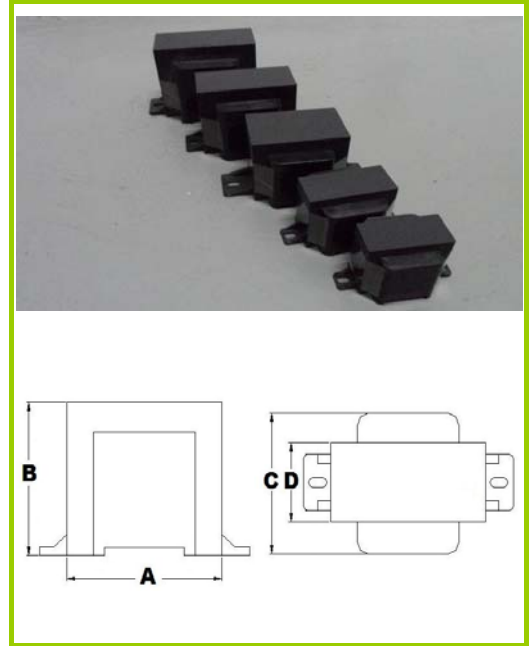
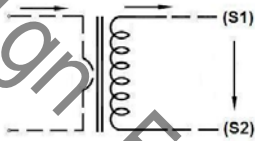
◆ Features

- Small size,Screws Mounted
- Wide range of sizes to accommodate all the existing installations

◆ Applications

- Current measurement, monitoring and protection for electrical wiring and equipment.
- Instrumentation,Current and power measurement for electric motors, lighting, air compressor,heating and ventilation system, air-condition equipment and automation – control system.
- Current, power and energy monitoring device.
- Relay protection device.

◆ Circuit connection diagram



◆ Technique Index

Electrical Parameter	
Frequency	50-60Hz
Rated Input	0-6900V
Measuring range	5%In-120%In
Rated Output	0-10V
Ratio	± 0.1%
Phase angle	≤ ±10 分
Dielectric strength	6KV/1mA/1min
Insulation Resistance	DC500V/100MΩ min

Mechanical Parameter	
Case	PA /UL94-V0
Bobbin	PBT
Core	Silicon or Nanocrystalline
Internal structure	Epoxy
Construction	Screws
Operating Temp	-25℃~+75℃
Operating Humidity	≤85%
Output Connection	Leads

◆ Type Selection

Mfg P/N	Input	Output	Accuracy	Power consumption	尺寸 (mm)			
					A	B	C	D
PTE2813	57.7V、100V、120V...220V	0-7.07V	0.1、0.2	≤0.5VA	32.7	31.5	28.1	16.7
PTE3515	57.7V、100V、120V...380V	0-7.07V	0.1、0.2	≤0.5VA	38.5	36.5	34.2	18.4
PTE4117	100V、220V、380V...630V	0-7.07V	0.1、0.2	≤0.5VA	44.2	38.5	38.3	20.6
PTE4127	100V、220V、380V...630V	0-7.07V	0.1、0.2	≤0.5VA	44.5	39.5	46.4	30.0
PTE4824	100V、220V、380V...1000V	0-7.07V	0.1、0.2	≤0.5VA	50.6	45.9	46.8	28.8
PTE4831	100V、220V、380V...1100V	0-7.07V	0.1、0.2	≤0.5VA	52.5	46.4	53.0	34.5
PTE5722	100V、220V、380V...2200V	0-7.07V	0.1、0.2	≤0.5VA	61.5	54.5	47.5	25.0
PTE5730	100V、220V、380V...3000V	0-7.07V	0.1、0.2	≤0.5VA	60.7	54.4	53.9	33.5
PTE6628	100V、220V、380V...3300V	0-7.07V	0.1、0.2	≤0.5VA	69.4	61.4	56.6	32.1
PTE7630	100V、220V、380V...5000V	0-7.07V	0.1、0.2	≤0.5VA	81.0	76.7	61.0	34.3
PTE8550	100V、220V、380V...6000V	0-7.07V	0.1、0.2	≤0.5VA	91.0	81.5	86.0	55.0
PTE9685	100V、220V、380V...6900V	0-7.07V	0.1、0.2	≤0.5VA	101.0	85.0	85.1	71.8

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