

ESCT-T Series 1A/5A

Mini Split Core Current Transformer

- Split core
- 1A / 5A secondary output
- Easy installation
- Safe operation
- Precise transform



Description

The Eastron ESCT T series of split core current transformers are designed for fast and easy installation. The split core design permits non contact current measurements through magnetic field induction without requiring that the primary wire be taken off line and disconnected for CT installation. This method permits a safer easy and portable current measurement.

Application:

Measures AC current flow to electric motors, lighting, air conditioning equipment, etc. Compatible with HVAC temperature control, power management, building automation systems.

Specifications

Frequency	50-60Hz
Rated current	100A to 600A loads
Rated output	1A / 5A (AC)
Accuracy	± 1% from 20% to 120% of rated current
Phase angle	less than 2 degrees at 50% of rated current
Insulation voltage	600Vac
Maximum primary voltage	5000Vac (Insulated Conductor)
Dielectric strength	2.5KV/1mA/1min
Operating temperature	-15°C to 60°C.
Operating humidity	< 85%
Case material	PC / UL94 V0
Bobbin	PBT
Core	Permalloy
Internal structure	Epoxy

Specification

Size	Model	Ratio	Accuracy
	ESCT T24 1	100/1	0.5/1/3.0
	ESCT T24 1	150/1	0.5/1/3.0
	ESCT T24 1	200/1	0.5/1/3.0
	ESCT T24 1	250/1	0.5/1/3.0
	ESCT T24 1	300/1	0.5/1/3.0
	ESCT TU36 1	100/1	0.5/1/3.0
	ESCT TU36 1	150/1	0.5/1/3.0
	ESCT TU36 1	200/1	0.5/1/3.0
	ESCT TU36 1	300/1	0.5/1/3.0
	ESCT TU36 1	400/1	0.5/1/3.0
	ESCT TU36 1	500/1	0.5/1/3.0
	ESCT T24 5	100/5	0.5/1/3.0
	ESCT T24 5	150/5	0.5/1/3.0
	ESCT T24 5	200/5	0.5/1/3.0
	ESCT T24 5	250/5	0.5/1/3.0
	ESCT T24 5	300/5	0.5/1/3.0
	ESCT T36 5	100/5	0.5/1/3.0
	ESCT T36 5	150/5	0.5/1/3.0
	ESCT T36 5	200/5	0.5/1/3.0
	ESCT T36 5	300/5	0.5/1/3.0
	ESCT T36 5	400/5	0.5/1/3.0
	ESCT T36 5	500/5	0.5/1/3.0
	ESCT T36 5	600/5	0.5/1/3.0