ESCT-T Series 1A/5A

Mini Split Core Current Transformer

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



Description

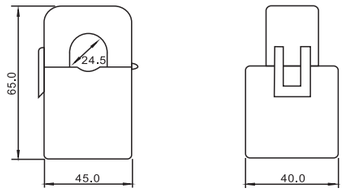
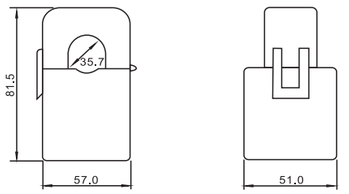
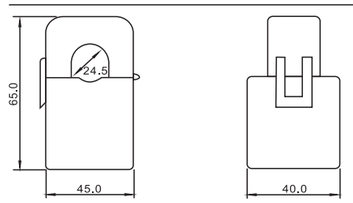
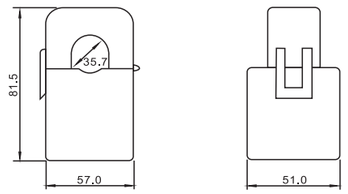
The ESCT-T series of split core current transformers are designed for fast and easy installation. The split core design permits non-contact current measurements through magnetic field induction without requiring that the primary wire be taken off line and disconnected for CT installation. This method 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℃to 60℃.
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-TU36-1	600/1	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