



ESCT-T Series
SPLIT CORE CURRENT TRANSFORMER

- Split Core, easy installation
- Primary input 100A~600A
- Secondary output 5A / 1A
- Safe operation
- Standard: IEC60044-1, EN60044-1, VDE0414-44-1, GB1208-2006



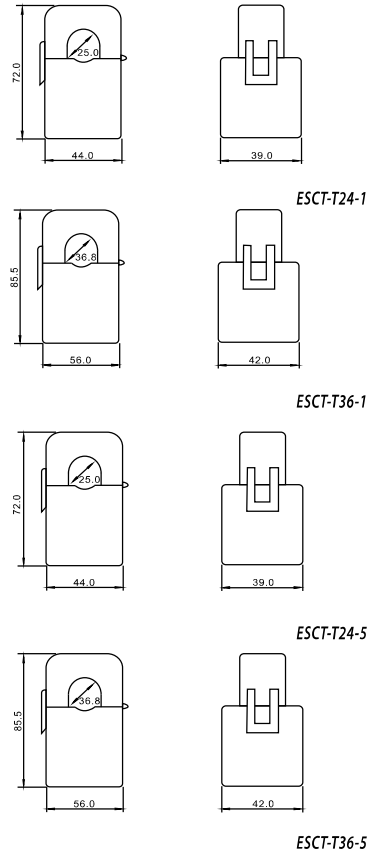
ESCT-TU Series
MINI SPLIT CORE CURRENT TRANSFORMER

- Split Core, easy installation
- Primary input 5A~600A
- Secondary output 333mV / 100mV / 100mA/40mA
- Safe operation
- Standard: IEC60044-1, EN60044-1, VDE0414-44-1, GB1208-2006

Specification	
Frequency	50Hz-60Hz
Rated current	100A to 600A loads
Rated output	1A / 5A (AC)
Accuracy	Class 0.5 or 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 +75°C
Operating humidity	<85%
Case material	PC / UL94-V0
Bobbin	PBT
Core	Permalloy
Internal structure	Epoxy

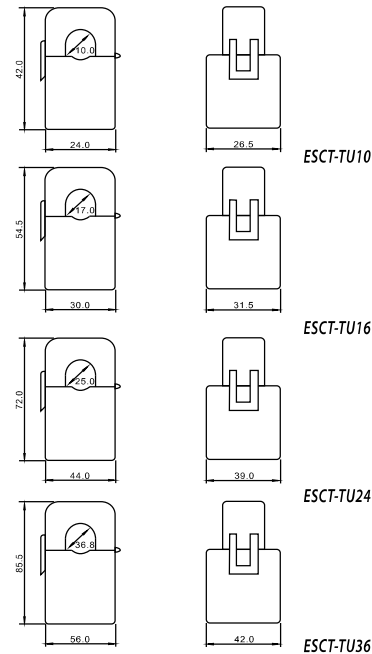
Model	Ratio (A)	Burden (VA)	
		Class 0.5	Class 1.0
ESCT-T24-1	100/1	-	1.5
ESCT-T24-1	150/1	-	1.5
ESCT-T24-1	200/1	1.5	2.5
ESCT-T24-1	250/1	1.5	2.5
ESCT-T24-1	300/1	1.5	2.5
ESCT-T36-1	100/1	-	1.5
ESCT-T36-1	150/1	-	1.5
ESCT-T36-1	200/1	1.5	2.5
ESCT-T36-1	300/1	1.5	2.5
ESCT-T36-1	400/1	1.5	2.5
ESCT-T36-1	500/1	2.5	3.75
ESCT-T36-1	600/1	2.5	5
ESCT-T24-5	100/5	-	1.5
ESCT-T24-5	150/5	-	1.5
ESCT-T24-5	200/5	1.5	2.5
ESCT-T24-5	250/5	1.5	2.5
ESCT-T24-5	300/5	1.5	2.5
ESCT-T36-5	100/5	-	1.5
ESCT-T36-5	150/5	-	1.5
ESCT-T36-5	200/5	1.5	2.5
ESCT-T36-5	300/5	1.5	2.5
ESCT-T36-5	400/5	1.5	2.5
ESCT-T36-5	500/5	2.5	3.75
ESCT-T36-5	600/5	2.5	5

► Dimensions (Unit: mm)



Specification	
Frequency	50Hz-60Hz
Rated current	5A to 600A loads
Rated output	333mV/100mV/100mA/40mA (AC)
Accuracy	Class 0.5 or 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 +75°C
Operating humidity	<85%
Case material	PC / UL94-V0
Bobbin	PBT
Core	Permalloy
Internal structure	Epoxy
Leads	UL 1015, Twisted Pair, 22AWG

► Dimensions (Unit: mm)



Model	Rated Amps (A)	Output	Accuracy
ESCT-TU10	5	333mV/100mV	0.5 or 1
ESCT-TU10	10	333mV/100mV	0.5 or 1
ESCT-TU10	20	333mV/100mV	0.5 or 1
ESCT-TU10	50	333mV/100mV	0.5 or 1
ESCT-TU10	75	333mV/100mV	0.5 or 1
ESCT-TU10	5	100mV/40mA	0.5 or 1
ESCT-TU10	10	100mV/40mA	0.5 or 1
ESCT-TU10	20	100mV/40mA	0.5 or 1
ESCT-TU10	50	100mV/40mA	0.5 or 1
ESCT-TU10	75	100mV/40mA	0.5 or 1
ESCT-TU16	5	333mV/100mV	0.5 or 1
ESCT-TU16	10	333mV/100mV	0.5 or 1
ESCT-TU16	50	333mV/100mV	0.5 or 1
ESCT-TU16	100	333mV/100mV	0.5 or 1
ESCT-TU16	150	333mV/100mV	0.5 or 1
ESCT-TU16	5	100mV/40mA	0.5 or 1
ESCT-TU16	10	100mV/40mA	0.5 or 1
ESCT-TU16	50	100mV/40mA	0.5 or 1
ESCT-TU16	100	100mV/40mA	0.5 or 1
ESCT-TU16	150	100mV/40mA	0.5 or 1
ESCT-TU24	10	333mV/100mV	0.5 or 1
ESCT-TU24	50	333mV/100mV	0.5 or 1
ESCT-TU24	100	333mV/100mV	0.5 or 1
ESCT-TU24	250	333mV/100mV	0.5 or 1
ESCT-TU24	300	333mV/100mV	0.5 or 1
ESCT-TU24	10	100mV/40mA	0.5 or 1
ESCT-TU24	50	100mV/40mA	0.5 or 1
ESCT-TU24	100	100mV/40mA	0.5 or 1
ESCT-TU24	250	100mV/40mA	0.5 or 1
ESCT-TU24	300	100mV/40mA	0.5 or 1
ESCT-TU36	20	333mV/100mV	0.5 or 1
ESCT-TU36	100	333mV/100mV	0.5 or 1
ESCT-TU36	250	333mV/100mV	0.5 or 1
ESCT-TU36	400	333mV/100mV	0.5 or 1
ESCT-TU36	600	333mV/100mV	0.5 or 1
ESCT-TU36	20	100mV/40mA	0.5 or 1
ESCT-TU36	100	100mV/40mA	0.5 or 1
ESCT-TU36	250	100mV/40mA	0.5 or 1
ESCT-TU36	400	100mV/40mA	0.5 or 1
ESCT-TU36	600	100mV/40mA	0.5 or 1