



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



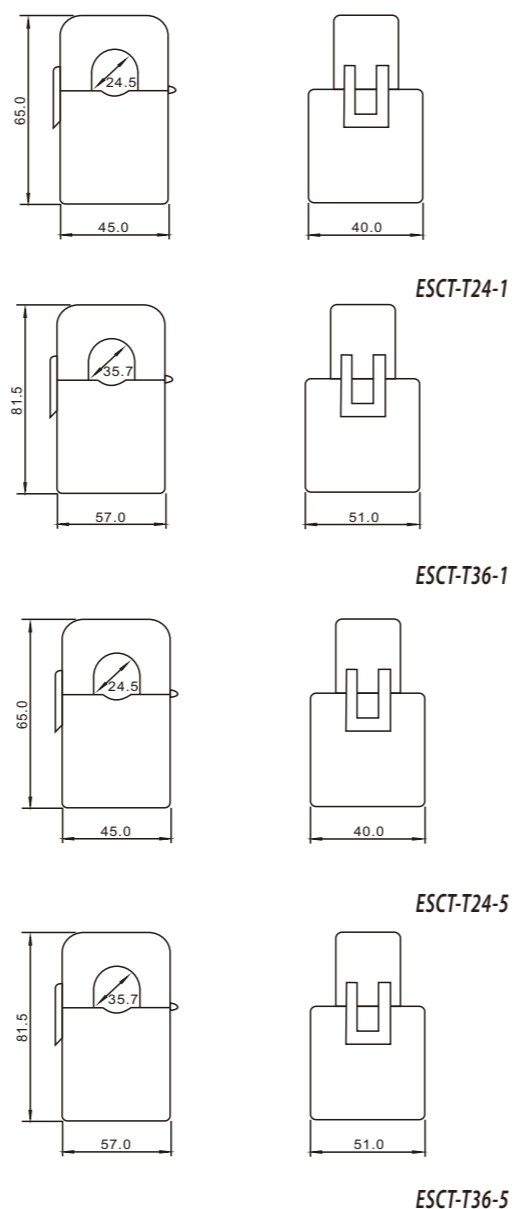
ESCT-B Series SPLIT CORE CURRENT TRANSFORMER

- Split Core
- Primary input 100A~5000A
- Secondary output 5A / 1A
- Two building fixing methods: Base; Busbar mounting
- Wide inner window, allowing clamping of big cables or bus-bars
- Standard: IEC60044-1, EN60044-1, VDE0414-44-1, GB1208-2006

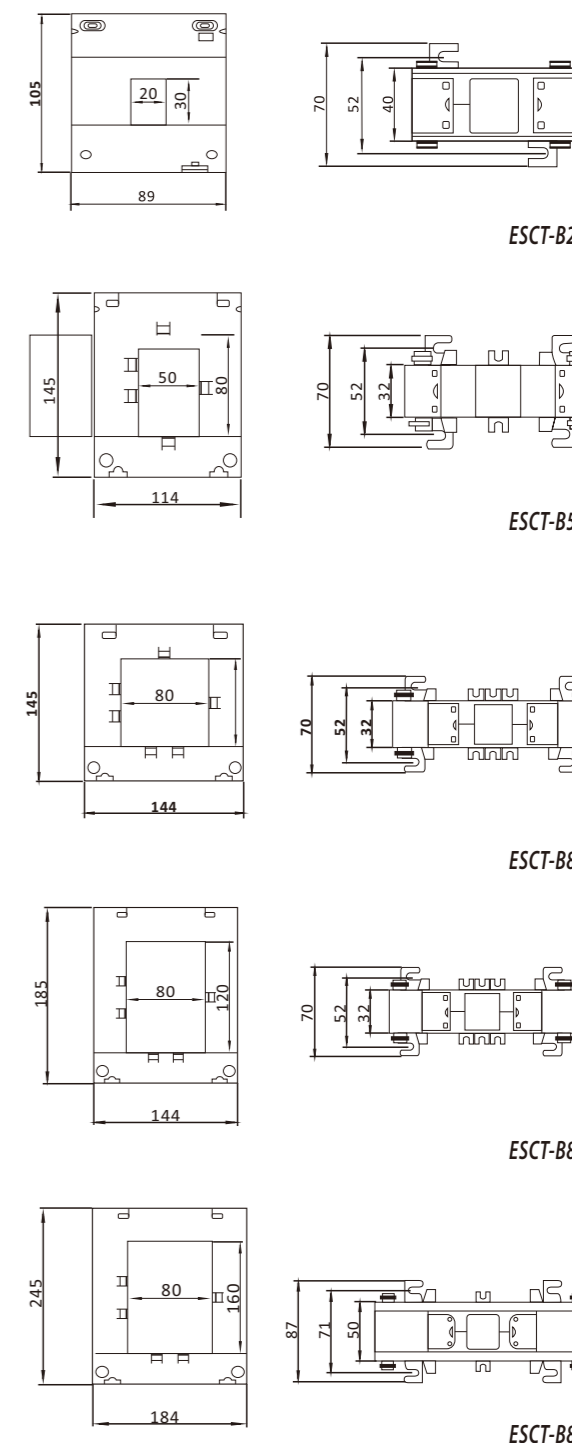
Specification	
Frequency	50-60Hz
Rated current	100A to 600A loads
Rated output	1A / 5A (AC)
Accuracy	Class 0.5 or 1 from 20% to 120% of rated current
Phase angle	Less than 2 degrees at 50% of rated current
Insulation voltage	600Vac
Maximum primary voltage	5000Vac (Insulated Conductor)
Dielectric strength	2.5KV/1mA/1min
Operating temperature	-15°C to 60°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

► Dimension



► Dimension



Specification	
Frequency	50Hz-60Hz
Rated current	100A to 5000A loads
Rated output	5A / 1A (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	2.5 KV / 1 mA / 1 min
Operating temperature	-15°C to 60°C
Operating humidity	<85%
Case material	PC / UL 94-V0
Bobbin	PBT
Internal structure	Epoxy

Model	Ratio (A)	Burden (VA)	
		class:0.5	Class:1.0
ESCT-B23	100/5	1.5	2.5
ESCT-B23	150/5	1.5	2.5
ESCT-B23	200/5	2.5	3.75
ESCT-B23	250/5	2.5	5
ESCT-B23	300/5	5	5
ESCT-B23	400/5	5	5
ESCT-B58	250/5	1.5	2.5
ESCT-B58	300/5	2.5	5
ESCT-B58	400/5	3.75	5
ESCT-B58	500/5	5	7.5
ESCT-B58	600/5	5	7.5
ESCT-B58	750/5	5	10
ESCT-B58	800/5	5	10
ESCT-B58	1000/5	7.5	10
ESCT-B812	500/5	2.5	5
ESCT-B812	600/5	2.5	5
ESCT-B812	750/5	5	10
ESCT-B812	800/5	5	10
ESCT-B812	1000/5	7.5	10
ESCT-B812	1200/5	7.5	10
ESCT-B812	1250/5	7.5	10
ESCT-B812	1500/5	7.5	10
ESCT-B816	1000/5	10	15
ESCT-B816	1500/5	10	15
ESCT-B816	2000/5	15	20
ESCT-B816	2500/5	20	25
ESCT-B816	3000/5	20	30
ESCT-B816	4000/5	20	30
ESCT-B816	5000/5	20	30
ESCT-B816	6000/5	20	30