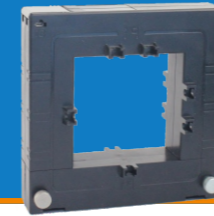


ESCT-U Series SPLIT CORE CURRENT TRANSFORMER

- Split Core, easy installation
- Primary input 5A~3000A
- 100mA/100mV/333mV
- Wide inner window, allowing clamping of big cables
- Standard: IEC60044-1, EN60044-1, VDE0414-44-1, GB1208-2006



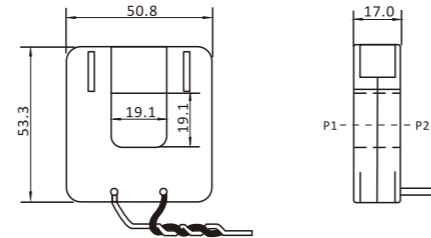
ESCT-B Series SPLIT CORE CURRENT TRANSFORMER

- Split Core
- Primary input 100A~6000A
- 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

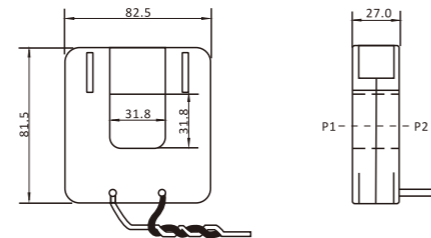
Specification	
Frequency	50Hz-60Hz
Rated current	5A to 3000A loads
Rated output	100mA/100mV/333mV (AC)
Accuracy	± 1% from 20% to 120% of rated current
Phase angle	less than 2 degrees at 50% of rated current
Insulation voltage	600Vac
Maximum primary voltage	5000Vac (Insulated Conductor)
Dielectric strength	2.5KV/1mA/1min
Operating temperature	-15°C to +75°C
Operating humidity	<85%
Case material	PC / UL94-V0
Bobbin	PBT
Core	Permalloy
Internal structure	Epoxy
Leads	UL 1015, Twisted Pair, 22AWG

Model	Rated Amps (A)	Output	Accuracy
ESCT-U75	5	100mA/100mV/333mV	0.5 or 1
ESCT-U75	10	100mA/100mV/333mV	0.5 or 1
ESCT-U75	50	100mA/100mV/333mV	0.5 or 1
ESCT-U75	75	100mA/100mV/333mV	0.5 or 1
ESCT-U75	100	100mA/100mV/333mV	0.5 or 1
ESCT-U75	125	100mA/100mV/333mV	0.5 or 1
ESCT-U75	150	100mA/100mV/333mV	0.5 or 1
ESCT-U75	200	100mA/100mV/333mV	0.5 or 1
ESCT-U125	50	100mA/100mV/333mV	0.5 or 1
ESCT-U125	100	100mA/100mV/333mV	0.5 or 1
ESCT-U125	200	100mA/100mV/333mV	0.5 or 1
ESCT-U125	250	100mA/100mV/333mV	0.5 or 1
ESCT-U125	400	100mA/100mV/333mV	0.5 or 1
ESCT-U125	600	100mA/100mV/333mV	0.5 or 1
ESCT-U125	630	100mA/100mV/333mV	0.5 or 1
ESCT-U200	100	100mA/100mV/333mV	0.5 or 1
ESCT-U200	125	100mA/100mV/333mV	0.5 or 1
ESCT-U200	250	100mA/100mV/333mV	0.5 or 1
ESCT-U200	400	100mA/100mV/333mV	0.5 or 1
ESCT-U200	630	100mA/100mV/333mV	0.5 or 1
ESCT-U200	800	100mA/100mV/333mV	0.5 or 1
ESCT-U200	1000	100mA/100mV/333mV	0.5 or 1
ESCT-U200	2000	100mA/100mV/333mV	0.5 or 1
ESCT-U300	400	100mA/100mV/333mV	0.5 or 1
ESCT-U300	800	100mA/100mV/333mV	0.5 or 1
ESCT-U300	1000	100mA/100mV/333mV	0.5 or 1
ESCT-U300	1500	100mA/100mV/333mV	0.5 or 1
ESCT-U300	2500	100mA/100mV/333mV	0.5 or 1
ESCT-U300	3000	100mA/100mV/333mV	0.5 or 1

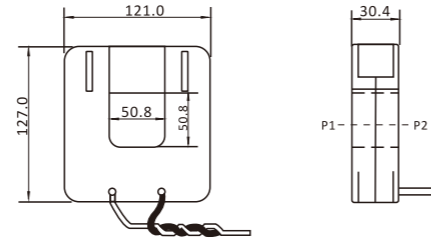
► Dimensions(Unit: mm)



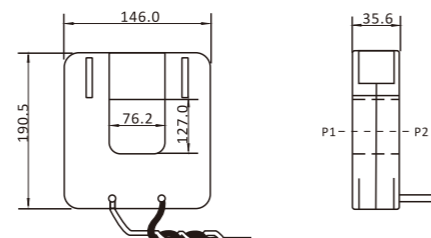
ESCT-U75



ESCT-U125



ESCT-U200

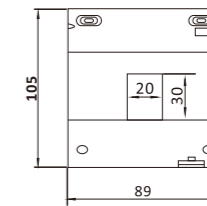


ESCT-U300

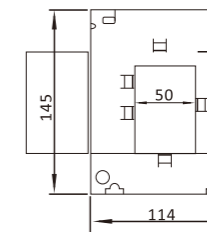
Specification	
Frequency	50Hz-60Hz
Rated current	100A to 6000A loads
Rated output	5A / 1A (AC)
Accuracy	Class 0.5 or 1 from 20% to 120% of rated current
Phase angle	less than 2 degrees at 50% of rated current
Insulation voltage	600Vac
Maximum primary voltage	5000Vac (Insulated Conductor)
Dielectric strength	2.5KV / 1mA / 1min
Operating temperature	-15°C to +75°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

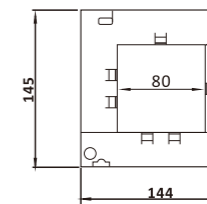
► Dimensions(Unit: mm)



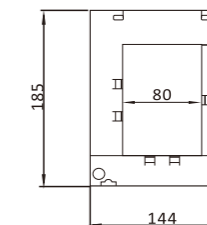
ESCT-B23



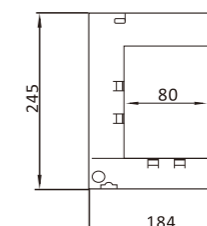
ESCT-B58



ESCT-B88



ESCT-B812



ESCT-B816