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## Current Transformer Catalog

Split Core · Solid Core · 3 in 1 · Rogowski Coil · RJ Connection · Puncture Type



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**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
- Safe operation
- Standard: IEC60044-1, EN60044-1, VDE0414-44-1, GB1208-2006

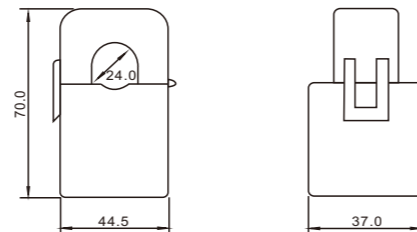
**Specification**

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	-12°C to +75°C.
Operating humidity	<85%
Case material	PC / UL94-V0
Bobbin	PBT
Core	Permalloy
Internal structure	Epoxy

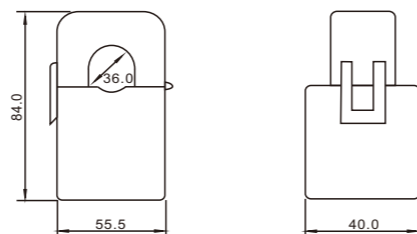
Model	Ratio (A)	Burden (VA)	
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ESCT-T24-1	150/1	-	1.5
ESCT-T24-1	200/1	1.5	2.5
ESCT-T24-1	250/1	1.5	3.75
ESCT-T24-1	300/1	2.5	5
ESCT-T24-1	400/1	3.75	6.25
ESCT-T36-1	100/1	-	1
ESCT-T36-1	150/1	1.5	3.75
ESCT-T36-1	200/1	2.5	5
ESCT-T36-1	300/1	5	7.5
ESCT-T36-1	400/1	5	10
ESCT-T36-1	500/1	7.5	10
ESCT-T36-1	600/1	10	15
ESCT-T24-5	100/5	-	-
ESCT-T24-5	150/5	-	-
ESCT-T24-5	200/5	1	1.5
ESCT-T24-5	250/5	1.5	2.5
ESCT-T24-5	300/5	2.5	3.75
ESCT-T24-5	400/5	2.5	5
ESCT-T36-5	100/5	-	-
ESCT-T36-5	150/5	-	1
ESCT-T36-5	200/5	1	2.5
ESCT-T36-5	300/5	2.5	5
ESCT-T36-5	400/5	5	6.25
ESCT-T36-5	500/5	5	6.25
ESCT-T36-5	600/5	5	6.25

► **Dimensions**

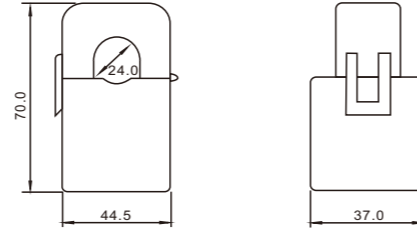
ESCT-T24-1



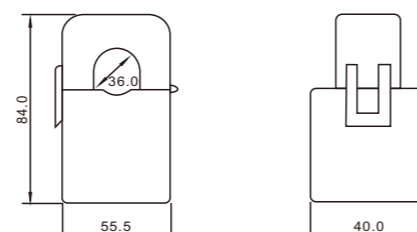
ESCT-T36-1



ESCT-T24-5



ESCT-T36-5



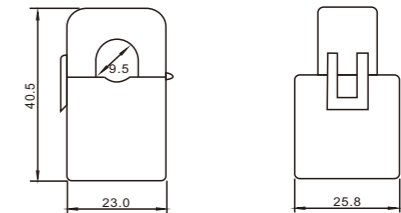
**Specification**

Frequency	50-60Hz
Rated current	5A to 600A loads
Rated output	100mA/333mV/100mV (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	-12°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

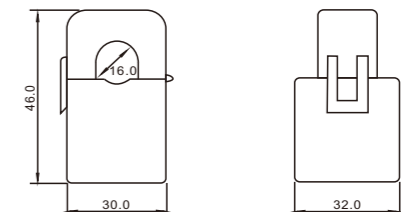
Model	Rated Amps	Output	Accuracy
ESCT-TU10	5	100mA/333mV/100mV	0.5/1/3
ESCT-TU10	10	100mA/333mV/100mV	0.5/1/3
ESCT-TU10	20	100mA/333mV/100mV	0.5/1/3
ESCT-TU10	50	100mA/333mV/100mV	0.5/1/3
ESCT-TU10	80	100mA/333mV/100mV	0.5/1/3
ESCT-TU16	10	100mA/333mV/100mV	0.5/1/3
ESCT-TU16	50	100mA/333mV/100mV	0.5/1/3
ESCT-TU16	100	100mA/333mV/100mV	0.5/1/3
ESCT-TU16	120	100mA/333mV/100mV	0.5/1/3
ESCT-TU24	10	100mA/333mV/100mV	0.5/1/3
ESCT-TU24	50	100mA/333mV/100mV	0.5/1/3
ESCT-TU24	100	100mA/333mV/100mV	0.5/1/3
ESCT-TU24	250	100mA/333mV/100mV	0.5/1/3
ESCT-TU24	400	100mA/333mV/100mV	0.5/1/3
ESCT-TU36	20	100mA/333mV/100mV	0.5/1/3
ESCT-TU36	100	3100mA/333mV/100mV	0.5/1/3
ESCT-TU36	250	100mA/333mV/100mV	0.5/1/3
ESCT-TU36	400	100mA/333mV/100mV	0.5/1/3
ESCT-TU36	600	100mA/333mV/100mV	0.5/1/3

► **Dimensions**

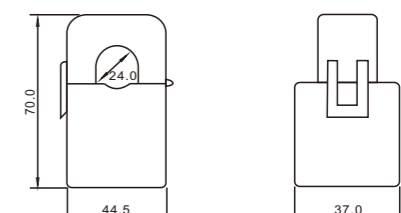
ESCT-TU10



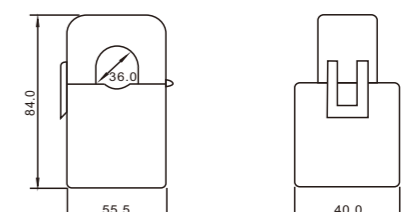
ESCT-TU16



ESCT-TU24



ESCT-TU36





## 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

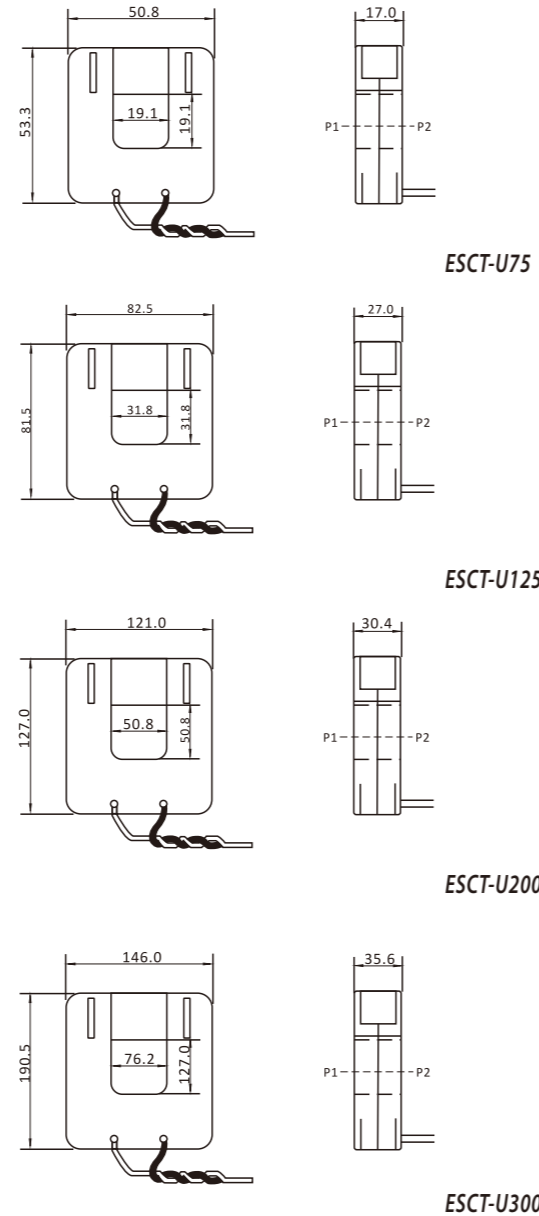
### SPLIT CORE CURRENT TRANSFORMER

- 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	50-60Hz
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 60°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	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

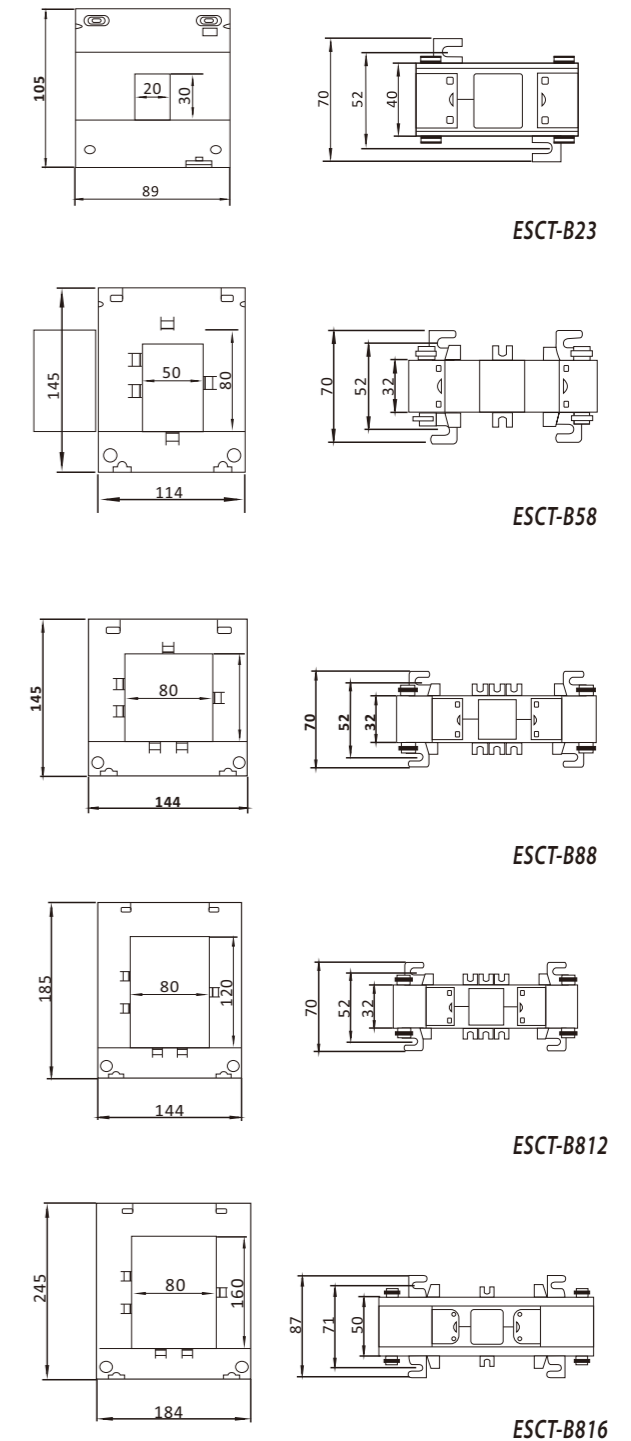
► Dimensions



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	2.5 KV / 1 mA / 1 min
Operating temperature	-15°C to 60°C
Operating humidity	<85%
Case material	PC / UL94-V0
Bobbin	PBT
Internal structure	Epoxy

Model	Ratio (A)	Burden (VA)	
		Class:0.5	Class:1.0
ESCT-B23	100/5	-	15
ESCT-B23	150/5	-	1.5
ESCT-B23	200/5	-	1.5
ESCT-B23	250/5	-	2.5
ESCT-B23	300/5	1.5	-
ESCT-B23	400/5	2.5	-
ESCT-B58	250/5	-	1.5
ESCT-B58	400/5	1.5	-
ESCT-B58	600/5	2.5	-
ESCT-B58	800/5	3.75	-
ESCT-B58	1000/5	5	-
ESCT-B88	250/5	-	1.5
ESCT-B88	400/5	-	2.5
ESCT-B88	600/5	2.5	-
ESCT-B88	800/5	3.75	-
ESCT-B88	1000/5	5	-
ESCT-B812	500/5	-	2.5
ESCT-B812	600/5	-	2.5
ESCT-B812	750/5	2.5	-
ESCT-B812	800/5	2.5	-
ESCT-B812	1000/5	3.75	-
ESCT-B812	1200/5	5	-
ESCT-B812	1250/5	5	-
ESCT-B816	1000/5	5	-
ESCT-B816	1500/5	7.5	-
ESCT-B816	2000/5	10	-
ESCT-B816	2500/5	15	-
ESCT-B816	3000/5	20	-
ESCT-B816	4000/5	20	-
ESCT-B816	5000/5	20	-
ESCT-B816	6000/5	20	-

► Dimensions





### ESCT-RJ-1 Series SPLIT CORE CURRENT TRANSFORMER

- Split Core, easy installation
- RJ12 socket for quick connection and to eliminate wiring error
- Secondary output 333mV / 100mV / 100mA
- Safe operation
- Standard: IEC60044-1, EN60044-1, VDE0414-44-1, GB1208-2006



### ESCT-RJ-3 Series 3-IN-1 CURRENT TRANSFORMER

- Cost effective three-phase moulded case
- Ratio's ranging from 60A~630A
- RJ12 socket for quick connection and to eliminate wiring error
- Busbar, DIN-rail and metal feet are supplied as standard

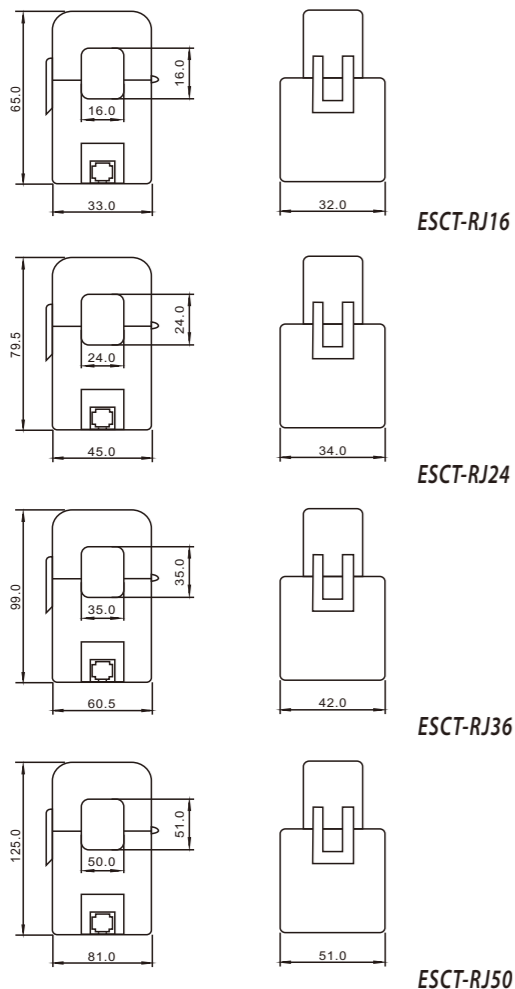
Specification	
Frequency	50Hz-60Hz
Rated current	5A to 1200A loads
Rated output	100mV/100mA / 333mV (AC)
Secondary terminals	RJ12
Accuracy	Class 0.5 or 1 from 20% to 120% of rated current
Phase angle	Less than 2 degrees at 50% of rated current
Insulation voltage	600 Vac
Maximum primary voltage	5000 Vac (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
Compliant with	IEC/EN60044/1

Model	Rated Amp(A)	Output	Accuracy
ESCT-RJ16	5	100mA/100mV/333mV	0.5 or 1
ESCT-RJ16	10	100mA/100mV/333mV	0.5 or 1
ESCT-RJ16	50	100mA/100mV/333mV	0.5 or 1
ESCT-RJ16	100	100mA/100mV/333mV	0.5 or 1
ESCT-RJ16	150	100mA/100mV/333mV	0.5 or 1
ESCT-RJ24	10	100mA/100mV/333mV	0.5 or 1
ESCT-RJ24	50	100mA/100mV/333mV	0.5 or 1
ESCT-RJ24	100	100mA/100mV/333mV	0.5 or 1
ESCT-RJ24	250	100mA/100mV/333mV	0.5 or 1
ESCT-RJ24	300	100mA/100mV/333mV	0.5 or 1
ESCT-RJ36	20	100mA/100mV/333mV	0.5 or 1
ESCT-RJ36	100	100mA/100mV/333mV	0.5 or 1
ESCT-RJ36	250	100mA/100mV/333mV	0.5 or 1
ESCT-RJ36	400	100mA/100mV/333mV	0.5 or 1
ESCT-RJ36	500	100mA/100mV/333mV	0.5 or 1
ESCT-RJ36	600	100mA/100mV/333mV	0.5 or 1
ESCT-RJ36	700	100mA/100mV/333mV	0.5 or 1
ESCT-RJ36	800	100mA/100mV/333mV	0.5 or 1
ESCT-RJ50	200	100mA/100mV/333mV	0.5 or 1
ESCT-RJ50	250	100mA/100mV/333mV	0.5 or 1
ESCT-RJ50	300	100mA/100mV/333mV	0.5 or 1
ESCT-RJ50	400	100mA/100mV/333mV	0.5 or 1
ESCT-RJ50	500	100mA/100mV/333mV	0.5 or 1
ESCT-RJ50	600	100mA/100mV/333mV	0.5 or 1
ESCT-RJ50	700	100mA/100mV/333mV	0.5 or 1
ESCT-RJ50	800	100mA/100mV/333mV	0.5 or 1
ESCT-RJ50	1000	100mA/100mV/333mV	0.5 or 1
ESCT-RJ50	1200	100mA/100mV/333mV	0.5 or 1

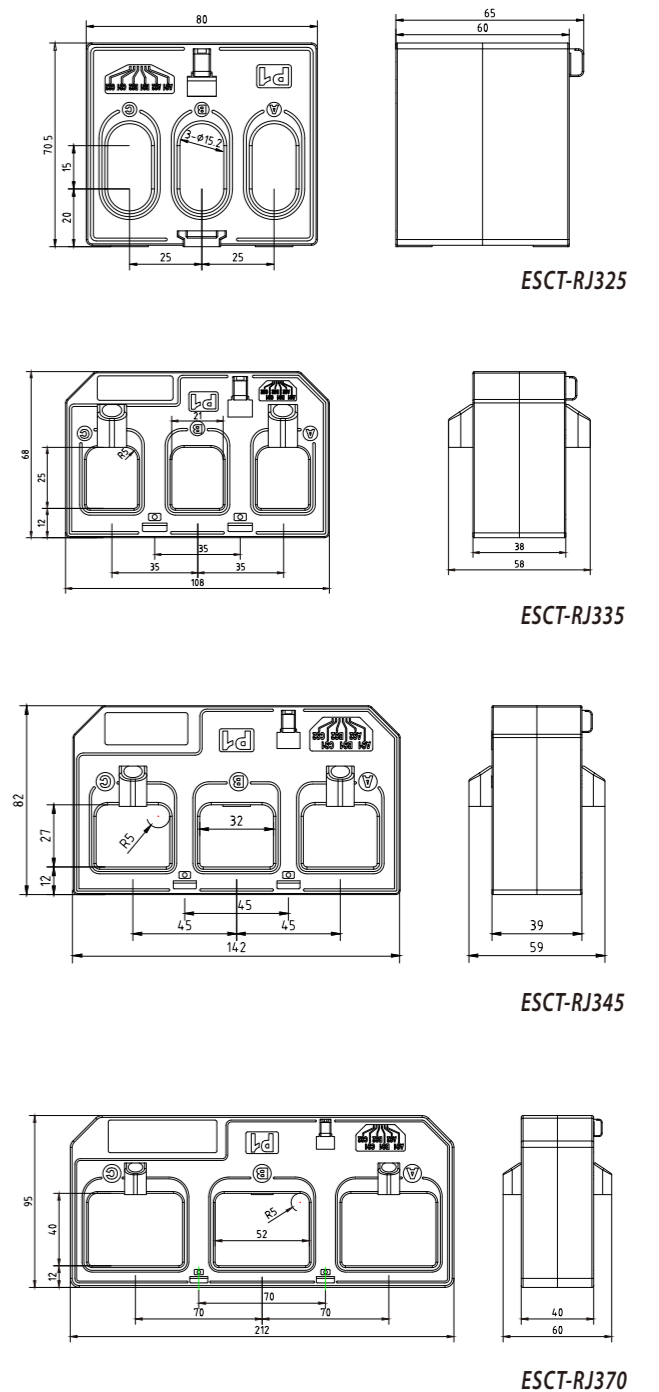
Specification	
Frequency	50Hz-60Hz
Rated current	60A to 1600A loads
Rated output	100mA / 100mV/333mV (AC)
Secondary terminals	RJ12
Accuracy	Class 0.5 or 1 from 20% to 120% of rated current
Phase angle	Less than 2 degrees at 50% of rated current
Insulation voltage	600 Vac
Maximum primary voltage	5000 Vac (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
Compliant with	IEC/EN60044/1

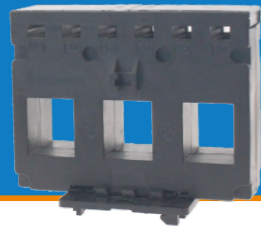
Model	Rated Amp(A)	Output	Accuracy
ESCT-RJ325	60	100mV/100mA/333mV	0.5 or 1
ESCT-RJ325	100	100mV/100mA/333mV	0.5 or 1
ESCT-RJ325	120	100mV/100mA/333mV	0.5 or 1
ESCT-RJ325	125	100mV/100mA/333mV	0.5 or 1
ESCT-RJ325	150	100mV/100mA/333mV	0.5 or 1
ESCT-RJ325	160	100mV/100mA/333mV	0.5 or 1
ESCT-RJ325	200	100mV/100mA/333mV	0.5 or 1
ESCT-RJ335	63	100mV/100mA/333mV	0.5 or 1
ESCT-RJ335	125	100mV/100mA/333mV	0.5 or 1
ESCT-RJ335	150	100mV/100mA/333mV	0.5 or 1
ESCT-RJ335	200	100mV/100mA/333mV	0.5 or 1
ESCT-RJ345	250	100mV/100mA/333mV	0.5 or 1
ESCT-RJ345	300	100mV/100mA/333mV	0.5 or 1
ESCT-RJ345	400	100mV/100mA/333mV	0.5 or 1
ESCT-RJ345	500	100mV/100mA/333mV	0.5 or 1
ESCT-RJ345	600	100mV/100mA/333mV	0.5 or 1
ESCT-RJ345	630	100mV/100mA/333mV	0.5 or 1
ESCT-RJ370	600	100mV/100mA/333mV	0.5 or 1
ESCT-RJ370	630	100mV/100mA/333mV	0.5 or 1
ESCT-RJ370	800	100mV/100mA/333mV	0.5 or 1
ESCT-RJ370	1200	100mV/100mA/333mV	0.5 or 1
ESCT-RJ370	1600	100mV/100mA/333mV	0.5 or 1

#### ► Dimensions



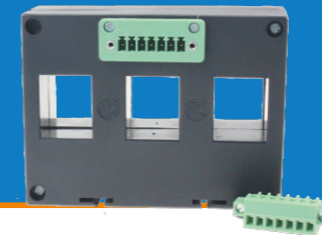
#### ► Dimensions





### ESCT-C Series 3-IN-1 CURRENT TRANSFORMER

- Cost effective three-phase moulded case
- Ratio's ranging from 60/5 to 630/5
- Integrated wire sealable terminal cover
- Busbar, DIN-rail and metal feet mounting hardware supplied
- Combined M4 posi /slot screw

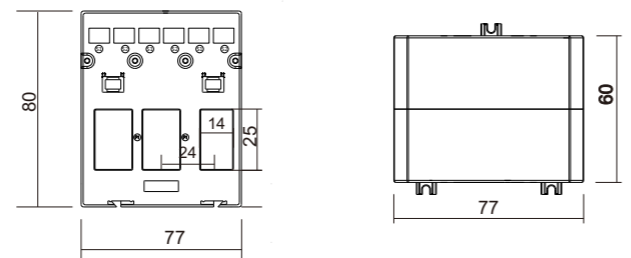


### ESCT-SC Series 3-IN-1 CURRENT TRANSFORMER

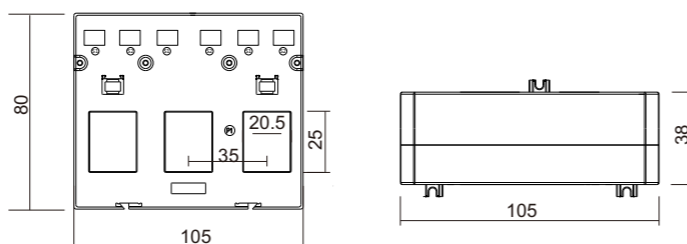
- Cost effective three-phase moulded case
- Ratio's ranging from 60/5 to 630/5
- Plug-in quite connection, 80% labor saving
- Lockable terminal for safety
- Both available for Busbar or DIN Rail mounted

Specification	
Rated current	60A to 630A loads
Rated output	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	600 Vac
Maximum primary voltage	5000 Vac (Insulated Conductor)
Dielectric strength	2.5 KV /1mA /1 min
Operating temperature	-15°C to 60°C
Operating humidity	<85%
Case material	PC / UL 94-V0
Bobbin	PBT
Internal structure	Epoxy

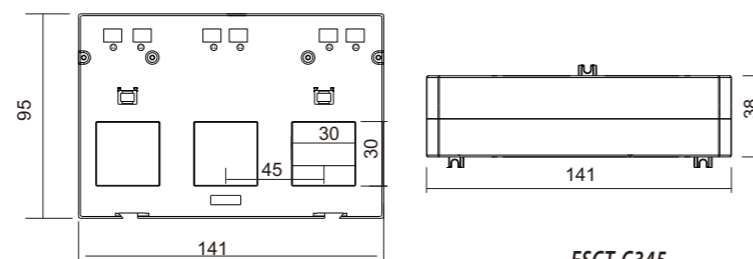
#### ► Dimensions



ESCT-C325



ESCT-C335



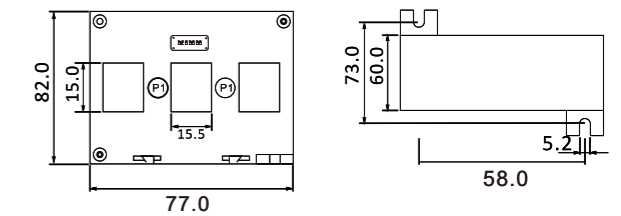
ESCT-C345

Model	Ratio (A)	Burden (VA)	
		Class:0.5	Class:1.0
ESCT-C325	60/5	-	1
ESCT-C325	100/5	-	1.5
ESCT-C325	125/5	1.5	1.5
ESCT-C325	150/5	1.5	1.5
ESCT-C325	200/5	1.5	1.5
ESCT-C335	100/5	-	1.5
ESCT-C335	125/5	-	2.5
ESCT-C335	150/5	-	3.75
ESCT-C335	160/5	1.5	1.5
ESCT-C335	200/5	1.5	1.5
ESCT-C335	250/5	1.5	1.5
ESCT-C345	250/5	1.5	1.5
ESCT-C345	300/5	2.5	2.5
ESCT-C345	400/5	2.5	2.5
ESCT-C345	500/5	2.5	2.5
ESCT-C345	600/5	2.5	2.5
ESCT-C345	630/5	2.5	2.5

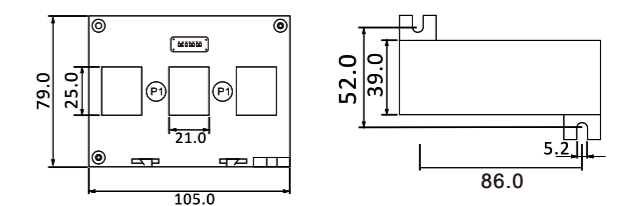
Specification	
System voltage	720V maximum
Test voltage	3KV for 1 minute
System frequency	50Hz or 60Hz
Primary ratings	60A to 630A
Short circuit thermal current	60 x rated primary current
Overload withstand	1.2 x rated current continuously
Rated dynamic current	2.55 x Ith
Secondary terminals	M4 screw terminals
Enclosure	Flame retardant grad classified UL 94V-0
Aperture holes centers	25,35,45mm
Mounting hardware	Plug-in metal feet for wall or base Mounting
	Bus-bar and DIN-rail
Compliant with	IEC/EN60044-1

Model	Ratio (A)	Burden (VA)	
		Class:0.5	Class:1.0
ESCT-SC325	60/1	-	1
ESCT-SC325	100/1	-	1.5
ESCT-SC325	125/1	1.5	1.5
ESCT-SC325	150/1	1.5	1.5
ESCT-SC325	300/1	1.5	1.5
ESCT-SC335	100/1	-	1.5
ESCT-SC335	125/1	-	1.5
ESCT-SC335	150/1	-	1.5
ESCT-SC335	160/1	1.5	1.5
ESCT-SC335	200/1	1.5	1.5
ESCT-SC335	250/1	1.5	1.5
ESCT-C345	250/1	1.5	1.5
ESCT-C345	300/1	2.5	2.5
ESCT-C345	400/1	2.5	2.5
ESCT-C345	500/1	2.5	2.5
ESCT-C345	600/1	2.5	2.5
ESCT-C345	630/1	2.5	2.5

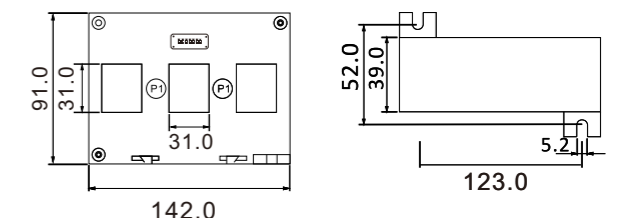
#### ► Dimensions



ESCT-SC325



ESCT-SC335

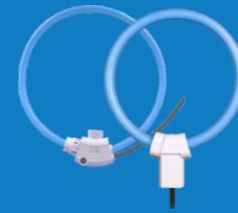


ESCT-SC345



### ESCT-P Series PUNCTURE CURRENT TRANSFORMER

- Split Core, easy installation
- Puncture function
- NTC temperature (Optional)
- Waterproof
- Flexible installation method
- Primary input 5A~1000A



### ESCT-RC FLEXIBLE ROGOWSKI COIL CURRENT SENSOR

- Flexible and light weights
- Easy & quick installation in tight spaces
- No danger from open-circuited secondary
- No core saturation or damage if overloaded
- Excellent linearity
- Multi-size are available
- Single phase and three phase are available

Specification	
Frequency	0.02-2KHz
Max. current input	ESCT-P16: 250A/ESCT-P24: 300A/ESCT-P36: 800A
Current output	100mA/100mV/333mV (AC)
Phase difference of the rated value	ESCT-P16: ≤ 50' (100A) ESCT-P24: ≤ 50' (100A) ESCT-P36: ≤ 45' (100A)
Linearity	0.3 (1b 1%~Max)
Accuracy	0.50%
Temperature sensor	0°C ~ 40°C
Phase difference change	≤ 15' (1b 1%~Max)
Isolation withstand voltage	500V/min
Operating temperature	-30°C ~ +75°C
Storage temperature	-40°C ~ +80°C
Load resistance	≤ 20 (Max. current input)

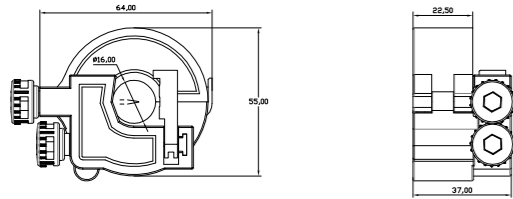
Model	Rated Amps (A)	Output	Accuracy
ESCT-P16T	5	100mA/100mV/333mV	0.5 or 1
ESCT-P16T	63	100mA/100mV/333mV	0.5 or 1
ESCT-P16T	100	100mA/100mV/333mV	0.5 or 1
ESCT-P16T	160	100mA/100mV/333mV	0.5 or 1
ESCT-P16T	250	100mA/100mV/333mV	0.5 or 1
ESCT-P24T	100	100mA/100mV/333mV	0.5 or 1
ESCT-P24T	200	100mA/100mV/333mV	0.5 or 1
ESCT-P24T	250	100mA/100mV/333mV	0.5 or 1
ESCT-P24T	300	100mA/100mV/333mV	0.5 or 1
ESCT-P24T	400	100mA/100mV/333mV	0.5 or 1
ESCT-P36T	200	100mA/100mV/333mV	0.5 or 1
ESCT-P36T	250	100mA/100mV/333mV	0.5 or 1
ESCT-P36T	300	100mA/100mV/333mV	0.5 or 1
ESCT-P36T	400	100mA/100mV/333mV	0.5 or 1
ESCT-P36T	500	100mA/100mV/333mV	0.5 or 1
ESCT-P36T	600	100mA/100mV/333mV	0.5 or 1
ESCT-P36T	400	100mA/100mV/333mV	0.5 or 1
ESCT-P36T	630	100mA/100mV/333mV	0.5 or 1
ESCT-P36T	800	100mA/100mV/333mV	0.5 or 1
ESCT-P16	5	100mA/100mV/333mV	0.5 or 1
ESCT-P16	63	100mA/100mV/333mV	0.5 or 1
ESCT-P16	100	100mA/100mV/333mV	0.5 or 1
ESCT-P16	160	100mA/100mV/333mV	0.5 or 1
ESCT-P16	250	100mA/100mV/333mV	0.5 or 1
ESCT-P24	100	100mA/100mV/333mV	0.5 or 1
ESCT-P24	200	100mA/100mV/333mV	0.5 or 1
ESCT-P24	250	100mA/100mV/333mV	0.5 or 1
ESCT-P24	300	100mA/100mV/333mV	0.5 or 1
ESCT-P24	400	100mA/100mV/333mV	0.5 or 1
ESCT-P36	200	100mA/100mV/333mV	0.5 or 1
ESCT-P36	250	100mA/100mV/333mV	0.5 or 1
ESCT-P36	300	100mA/100mV/333mV	0.5 or 1
ESCT-P36	400	100mA/100mV/333mV	0.5 or 1
ESCT-P36	500	100mA/100mV/333mV	0.5 or 1
ESCT-P36	600	100mA/100mV/333mV	0.5 or 1
ESCT-P36	800	100mA/100mV/333mV	0.5 or 1
ESCT-P36W	200	100mA/100mV/333mV	0.5 or 1
ESCT-P36W	400	100mA/100mV/333mV	0.5 or 1
ESCT-P36W	600	100mA/100mV/333mV	0.5 or 1
ESCT-P36W	800	100mA/100mV/333mV	0.5 or 1
ESCT-P36W	1000	100mA/100mV/333mV	0.5 or 1

Specification	
Current Range	10A to 100kA
Rated output	0.333Vac at rated current with Integrator
	85mV/ per 1000A @ 50Hz without integrator
	100mV/per 1000A @ 50Hz without integrator
Accuracy	± 1% from 5% to 120% of rated current with integrator(45-65Hz)
Phase Angle	≤ ± 1° 5% to 120% from 5% to 120% of rated current
Linear	0.5%
Frequency	1Hz-1MHz, /50/60 Hz nominal
Work Voltage	600V
Power supply	7-30VDC (9 Vdc, 12 Vdc recommended)
Coil Diameter	10.5mm, 12mm or as customer order
Window size	10mm, 15mm or as per customer ordered
Wire lead	1 meter sheath cable or as customers order
Withstand Voltage	3000V
Operating temperature	-25°C ~ +70°C
IP class	IP65
Certification	CE recognized, RoHS Compliant

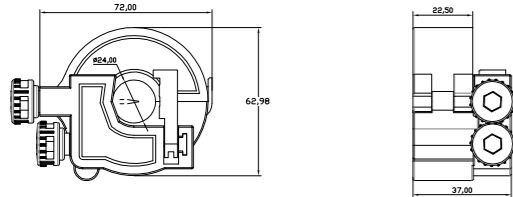
Model	Rated Amps(A)	Class	Coil Length	Window Size		Type No.
				A	B	
ESCT-RC16	100	0.5	80	22	16	C
ESCT-RC24	300	0.5	97	27.5	24	C
ESCT-RC36	600	0.5	130	36	37	C
ESCT-RC60	500	0.5	200	60	50	A
ESCT-RC100	1000	0.5	395	135	100	B
ESCT-RC105	1500	0.5	350	105	100	A
ESCT-RC150	3000	0.5	525	165	150	B
ESCT-RC200	6000	0.5	665	240	200	B
ESCT-RC240	10000	0.5	800	245	240	A
ESCT-3RC16	100	0.5	80	22	16	C
ESCT-3RC24	300	0.5	97	27.5	24	C
ESCT-3RC36	600	0.5	130	36	37	C
ESCT-3RC60	500	0.5	200	60	50	A
ESCT-3RC100	1000	0.5	395	135	100	B
ESCT-3RC105	1500	0.5	350	105	100	A
ESCT-3RC150	3000	0.5	525	165	150	B
ESCT-3RC200	6000	0.5	665	240	200	B
ESCT-3RC240	10000	0.5	800	245	240	A

#### ► Dimensions

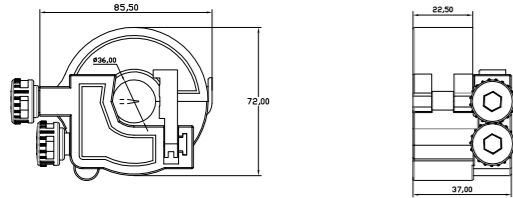
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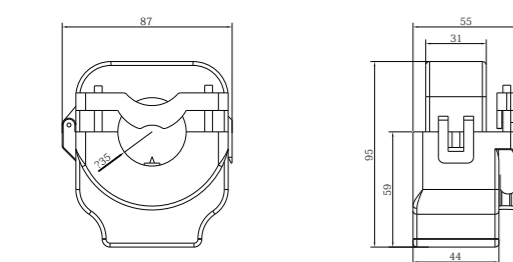
ESCT-P24



ESCT-P36

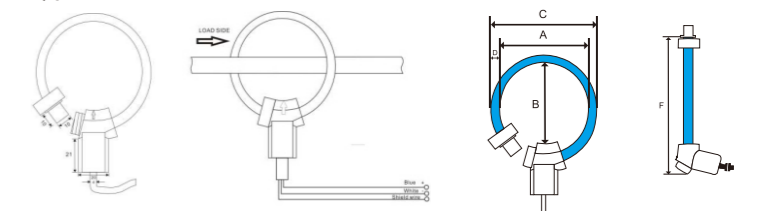


ESCT-P36W

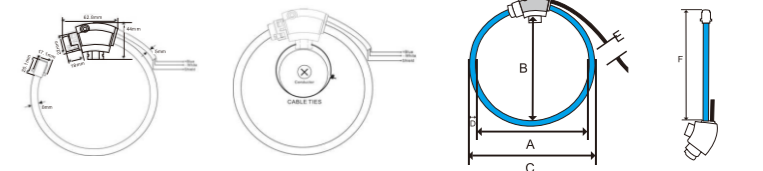


#### ► Dimensions

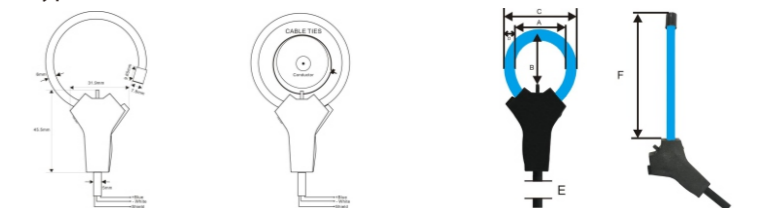
Type A:



Type B:



Type C:





**ESCT-ABO Series**  
SOLID CORE CURRENT TRANSFORMER

- Two built in fixing methods: 1 side base; Busbar mounting
- Built in hinged terminal cover
- Built in transparent cover for name plate
- Wide range accuracy (3,1,0.5,0.5s,0.2,0.2s)
- Primary current from 50A to 3000A



**ESCT-DM Series**  
SOLID CORE CURRENT TRANSFORMER

- Two built in fixing methods: 1 side base; Busbar mounting
- Built in hinged terminal cover
- Primary current from 50A to 300A

**Specification**

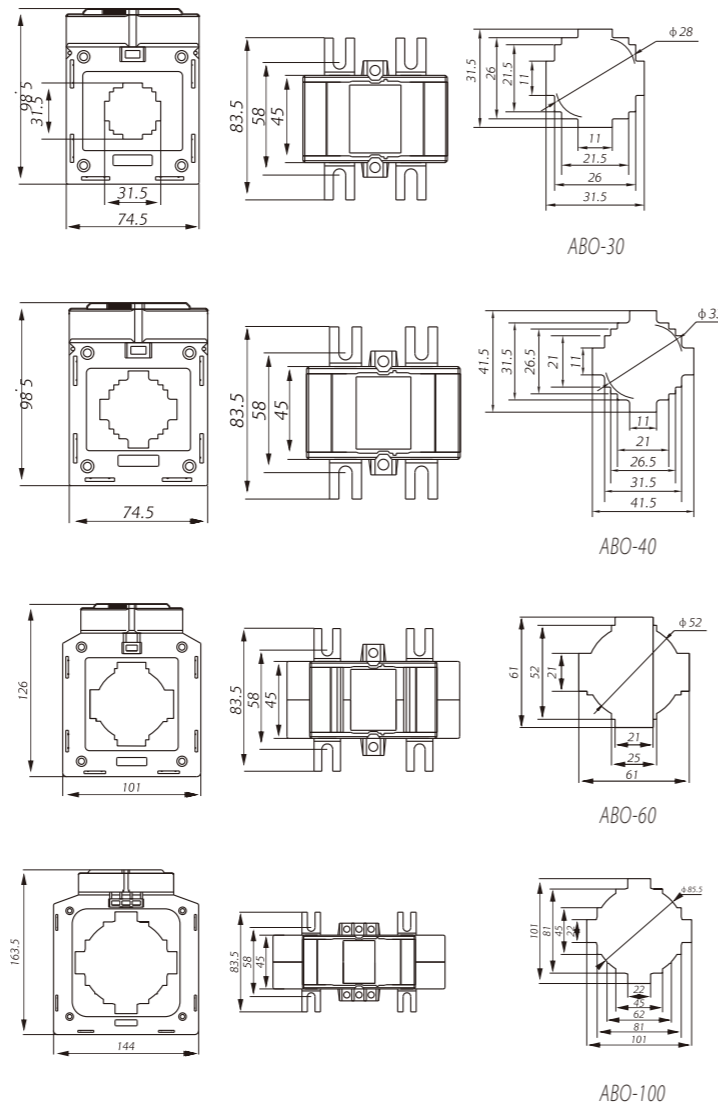
Rated Frequency	50Hz-60Hz
Rated current	5A to 3000A loads
Rated output	5A, 1A, 0.5A, 0.25A, 0.1A
Accuracy	± 1% from 20% to 120% of rated current
Rated short-time thermal current (Ith)	60In
Rated voltage (Um)	1.2In
Operating temperature	-10°C~50°C
Housing self-extinguishing class	V0
Standard	IEC60044-1, EN60044-1, VDE0414-44-1, GB1208-2006

Model	Ratio(A)	Burden (VA)	
		Class:0.5	Class:1.0
ESCT-ABO-30	50/5	1.5	2.5
ESCT-ABO-30	60/5	1.5	2.5
ESCT-ABO-30	75/5	2.5	3.75
ESCT-ABO-30	100/5	3.75	5
ESCT-ABO-30	150/5	5	5
ESCT-ABO-30	200/5	5	5
ESCT-ABO-30	250/5	5	5
ESCT-ABO-30	300/5	5	5
ESCT-ABO-40	75/5	1.5	1.5
ESCT-ABO-40	80/5	1.5	1.5
ESCT-ABO-40	100/5	2.5	2.5
ESCT-ABO-40	150/5	3.75	5
ESCT-ABO-40	200/5	5	5
ESCT-ABO-40	250/5	5	5
ESCT-ABO-40	300/5	5	5
ESCT-ABO-40	400/5	5	5
ESCT-ABO-40	500/5	5	5
ESCT-ABO-60	200/5	5	5
ESCT-ABO-60	250/5	5	5
ESCT-ABO-60	300/5	5	5
ESCT-ABO-60	400/5	5	5
ESCT-ABO-60	500/5	5	5
ESCT-ABO-60	600/5	5	10
ESCT-ABO-60	750/5	5	10
ESCT-ABO-60	800/5	5	10
ESCT-ABO-60	1000/5	5	10
ESCT-ABO-100	800/5	5	10
ESCT-ABO-100	1000/5	5	10
ESCT-ABO-100	1200/5	7.5	10
ESCT-ABO-100	1500/5	7.5	10
ESCT-ABO-100	1600/5	7.5	10
ESCT-ABO-100	2000/5	10	15
ESCT-ABO-100	2500/5	10	15
ESCT-ABO-100	3000/5	10	15

**► Introduction**

ESCT-ABO perfect designed plastic case current transformer, advanced snap on body, high accuracy ( up to Class 0.2S), humanization transparent cover and lead seal hole design make the CT very easy to identify after long-term use and perfect anti-stealing electricity.

**► Dimension**



**Specification**

Rated Frequency	50Hz-60Hz
Rated current	50A to 300A loads
Rated test voltage	3kV AC ( 1min)
Rated short-time thermal current (Ith)	60In
Rated voltage (Um)	0.72Kv AC.
Rated output	5A or 1A
Rated voltage (Um)	1.2In
Operating temperature	-10°C~50°C
Housing self-extinguishing class	V0
Safety factor	Fs5
Standard	IEC60044-1, EN60044-1, VDE0414-44-1, GB1208-2006

Model	Rated Amps	Burden (VA) / Class 1.0
ESCT-DM-20/30	50/5	1
ESCT-DM-20/30	60/5	1.25
ESCT-DM-20/30	75/5	1.5
ESCT-DM-20/30	80/5	1.5
ESCT-DM-20/30	100/5	2.5
ESCT-DM-20/30	120/5	2.5
ESCT-DM-20/30	150/5	2.5
ESCT-DM-20/30	200/5	3.75
ESCT-DM-20/30	250/5	3.75
ESCT-DM-20/30	300/5	3.75
ESCT-DM-20/35	50/5	-
ESCT-DM-20/35	60/5	-
ESCT-DM-20/35	75/5	1.5
ESCT-DM-20/35	80/5	1.5
ESCT-DM-20/35	100/5	2.5
ESCT-DM-20/35	120/5	2.5
ESCT-DM-20/35	150/5	2.5
ESCT-DM-20/35	200/5	2.5
ESCT-DM-20/35	250/5	3.75
ESCT-DM-20/35	300/5	3.75

**► Introduction**

ESCT-DM is world-famous MINI design plastic case current transformer, snap on body, be widely used in generators. It is available for connecting with cable, and also available for connecting with Busbar. Its primary currents between 50A~300A with 5A secondaries with up to Class1.0 accuracy Performance.

**► Dimension**

