

# Split Core Current Transformers

**CTSB series** (secondary output 5A or 1A, Suitable for measuring the bus current)

The PILOT CTSB series of split core style current transformers are designed for fast and easy installation. The split core design permits non-contact current measurements through magnetic field induction without disconnecting cables or busbar circuits for CT installation. This method permits a safer, easier and portable current measurement.

RECOGNIZED COMPONENT



## FEATURES

- Low cost
- 5 standard sizes
- Split core design, safer, easier installation, and portable

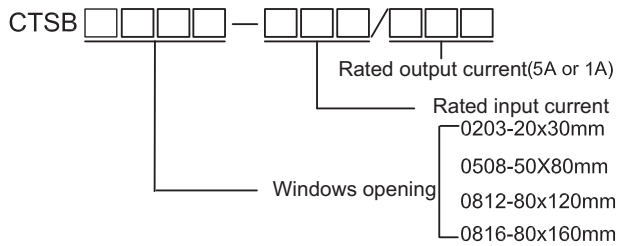
## APPLICATIONS

- Current, power, energy, monitoring devices
- Power Factor Correction devices
- Active Power Filter

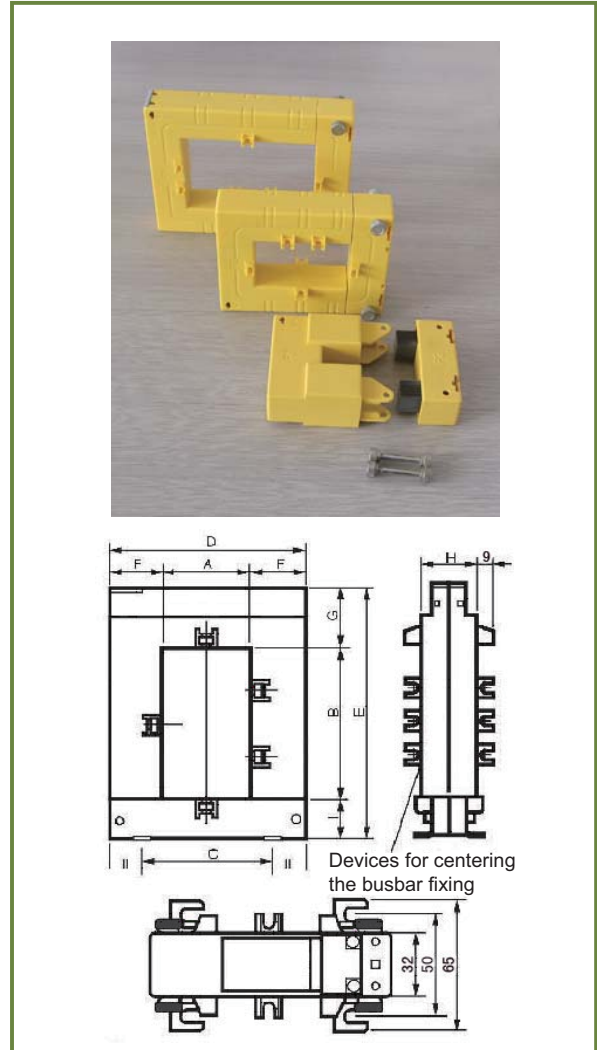
## SPECIFICATIONS

- Rated Primary current: 100-5000Aac
- Rated Secondary current: 5 , 1Aac or voltage
- Rated load: 1, 2.5, 5.0, 10, 30VA
- Accuracy: 0.5, 1.0, 3.0 Class
- Rated security coefficient: FS<5
- Case Material:UL flame retardant rating 94-V0
- Highest Voltage for Equipment Um (rms): 720 Vac
- Rated Power-Frequency Withstand Voltage (rms): 3,000 Vac
- Frequency Range: 50~400Hz
- Operating Temperature: -15°C to 50°C
- Standard: IEC 60044-1
- RoHS compliant
- CE & ETL approved
- Accessories: Supplied with feet for base mounting if required

## PART NUMBER



## OUTLINE DIMENSION AND PERFORMANCES



Unit:mm

Model	A	B	C	D	E	F	G	H	I	Ratio	Burden(VA)			Weight (kg)
											Class0.5	Class1.0	Class3.0	
CTSB0203	21	31	51	89	105	34	42	40	32	100: 5	--	--	1.5	0.78
										150: 5	--	--	3	
										200: 5	--	1.5	2.5	
										250: 5	--	1.5	3.75	
										300: 5	1.5	3.75	5	
										400: 5	2.5	5	10	
CTSB0508	50	80	78	114	145	32	32	32	33	250: 5	--	--	3.75	0.9
										300: 5	--	2.5	5	
										400: 5	2.5	3.75	7.5	
										500: 5	2.5	5	10	
										600: 5	2.5	5	15	
										750: 5	3.75	7.5	15	

CTS Series

CTSA Series

CTSB Series

## CTSB Series Split core Current Transformers

Unit: mm

Model	A	B	C	D	E	F	G	H	I	Ratio	Burden(VA)			Weight (kg)
											Class0.5	Class1.0	Class3.0	
CTSB0508	50	80	78	114	145	32	32	32	33	1000: 5	5	10	20	0.9
CTSB0812	80	120	108	144	185	32	32	32	33	500: 5	2.5	5	10	1.25
										600: 5	2.5	5	15	
										750: 5	3.75	7.5	15	
										1000: 5	5	10	20	
										1250: 5	7.5	12.5	20	
CTSB0816	80	160	120	176	247	48	48	52	38	1000: 5	10	15	20	4.4
										1500: 5	15	20	25	
										2000: 5	15	20	30	
										2500: 5	15	20	30	
										3000: 5	20	25	30	
										4000: 5	20	25	30	
										5000: 5	20	30	40	