

Low Voltage Current Transformers- for Busbar

Yuanxing CTB series low voltage current transformers are indoor used, there are six kinds of window sizes and various turn ratios are optional, the detailed parameters are shown on below form.



FEATURES

- Low cost
- Wound cold rolling oriented silicon steel core, without air gap, uniform wound secondary winding, small flux leakage

SPECIFICATIONS

- Frequency: 50/60Hz
- Insulation voltage: 3KV
- Thermal short-circuit current, I_{th} 60 I_n .
- Dynamic current, I_{dyn} 2.5 I_{th}
- Highest voltage for the material 0.72KV
- Ambient temperature range: -10 °C to +50 °C
- Continuous current, 1.2* rated current.
- Safety factor FS 10
- Protection Degree IP20
- Standards IEC61869-1, IEC 61869-2

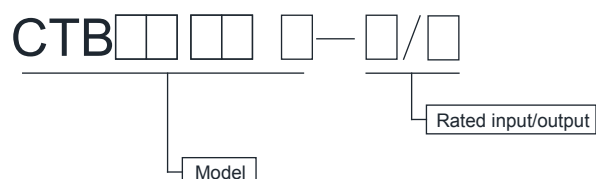
APPLICATION

- Low voltage distribution system current signal acquisition. This series current transformers worked as the AC current signal acquisition device, can be applied with measuring meters, the primary current measuring range is 5~6000A, the secondary output is 5A or 1A, measuring range is 5~120% of rated primary current.

PARAMETER



NAME



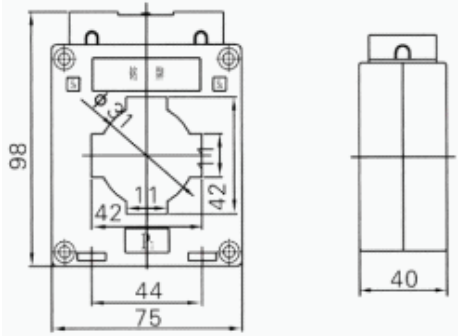
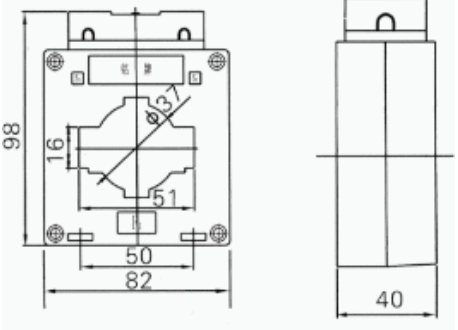
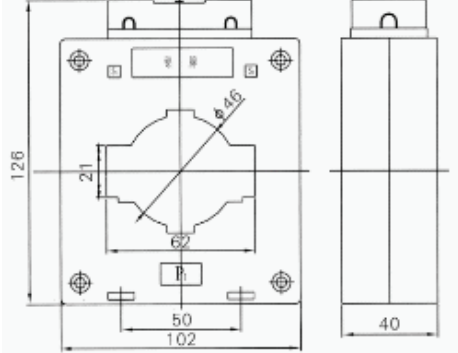
Model	Burden Rated Input/Output	Accuracy Class					Outline Dimensions (mm)
		1.0	0.5	0.5S	0.2	0.2S	
CTB0022V	75/5A	2.5					
	100/5A	5	2.5				
	150/5A	5	2.5				
	200/5A	5	2.5				
	250/5A	5	5				
	300/5A	5	5				
CTB3023V	75/5A	2.5	1.5				
	100/5A	5	2.5				
	150/5A	5	2.5				
	200/5A	5	5				
	250/5A	5	5				
	300/5A	5	5				
	400/5A	5	5				

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Model	Burden Rated Input/Output	Accuracy Class					Outline Dimensions (mm)
		1.0	0.5	0.5S	0.2	0.2S	
CTB0431V	150/5A	5	2.5	2.5			
	200/5A	5	5	2.5			
	250/5A	5	5	2.5	2.5		
	300/5A	5	5	5	2.5	2.5	
	400/5A	5	5	5	2.5	2.5	
	500/5A	5	5	5	5	5	
	600/5A	5	5	5	5	5	
CTB0537V	200/5A	5	5	2.5			
	250/5A	5	5	2.5	2.5		
	300/5A	5	5	5	2.5	2.5	
	400/5A	5	5	5	5	2.5	
	500/5A	5	5	5	5	5	
	600/5A	5	5	5	5	5	
	750/5A	10	10	7.5	5	5	
	800A/5A	10	10	7.5	5	5	
CTB0646V	200/5A	5	2.5				
	250/5A	5	2.5				
	300/5A	5	5	2.5			
	400/5A	5	5	2.5	2.5		
	500/5A	5	5	5	2.5	2.5	
	600/5A	5	5	5	5	2.5	
	750/5A	10	10	7.5	5	5	
	800/5A	10	10	7.5	5	5	
	1000/5A	10	10	7.5	5	5	
	1200/5A	10	10	10	5	5	



Model	Burden Rated Input/Output	Accuracy Class					Outline Dimensions (mm)
		1.0	0.5	0.5S	0.2	0.2S	
CTB0852V	300/5A	5	2.5	2.5			
	400/5A	5	2.5	2.5			
	500/5A	5	5	5	5	2.5	
	600/5A	5	5	5	5	2.5	
	750/5A	10	10	7.5	5	5	
	800/5A	10	10	7.5	5	5	
	1000/5A	10	10	7.5	5	5	
	1200/5A	10	10	10	5	5	
	1500/5A	10	10	10	5	5	
CTB1062V	600/5A	5	5	5	5	5	
	750/5A	10	10	7.5	5	5	
	800/5A	10	10	7.5	5	5	
	1000/5A	10	10	7.5	5	5	
	1200/5A	10	10	10	5	5	
	1500/5A	10	10	10	5	5	
	2000/5A	10	10	10	10	7.5	
CTB1262V	800/5A	10	7.5				
	1000/5A	10	7.5	7.5			
	1500/5A	10	10	7.5	5		
	2000/5A	10	10	7.5	5	5	
	2500/5A	15	15	10	7.5	7.5	
	3000/5A	20	15	10	7.5	7.5	
	4000/5A	20	20	15	10	10	



Model	Burden Rated Input/Output	Accuracy Class					Outline Dimensions (mm)
		1.0	0.5	0.5S	0.2	0.2S	
CTB0303	150/5A	2.5					
	200/5A	2.5	2.5				
	250/5A	5	5	2.5			
	300/5A	5	5	5	2.5		
	400/5A	5	5	5	2.5	2.5	
CTB 0403	150/5A	5	2.5				
	200/5A	5	5	2.5			
	250/5A	5	5	2.5			
	300/5A	5	5	5	2.5		
	400/5A	5	5	5	2.5	1.5	
	500/5A	5	5	5	5	2.5	
	600/5A	5	5	5	5	5	
CTB0503	200/5A	5	5	2.5			
	250/5A	5	5	2.5	2.5		
	300/5A	5	5	5	2.5	2.5	
	400/5A	5	5	5	2.5	2.5	
	500/5A	5	5	5	5	2.5	
	600/5A	7.5	5	5	5	5	
	800/5A	10	10	10	5	5	
CTB0603	400/5A	5	5	5	2.5	2.5	
	500/5A	5	5	5	5	2.5	
	600/5A	7.5	5	5	5	5	
	800/5A	10	10	10	5	5	
	1000/5A	10	10	10	5	5	
	1200/5A	10	10	10	7.5	5	
	1500/5A	10	10	10	7.5	5	

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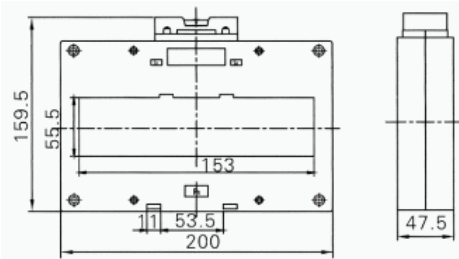
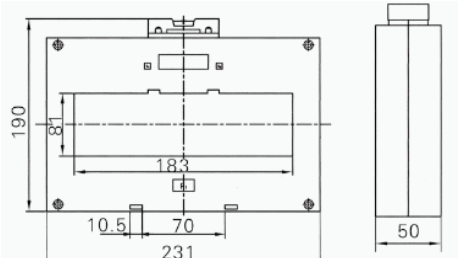
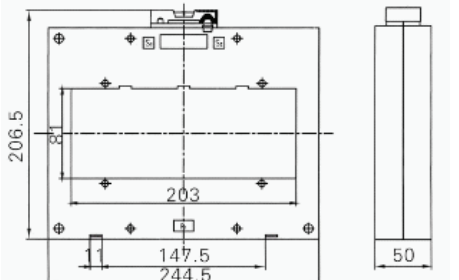
Model	Burden Rated Input/Output	Accuracy Class					Outline Dimensions (mm)
		1.0	0.5	0.5S	0.2	0.2S	
CTB0803	600/5A	5	5	5	2.5	2.5	
	800/5A	10	10	10	5	5	
	1000/5A	10	10	10	5	5	
	1200/5A	10	10	10	7.5	5	
	1500/5A	10	10	10	7.5	5	
	2000/5A	15	15	15	10	7.5	
CTB1003	750/5A	5	5	5	2.5	2.5	
	800/5A	10	10	10	5	5	
	1000/5A	10	10	10	5	5	
	1200/5A	10	10	10	7.5	5	
	1500/5A	10	10	10	7.5	5	
	2000/5A	15	15	15	10	7.5	
	2500/5A	20	20	20	10	10	
CTB1205	1000/5A	10	10	10	5	5	
	1200/5A	10	10	10	7.5	5	
	1500/5A	15	15	15	10	7.5	
	2000/5A	15	15	15	10	7.5	
	2500/5A	20	20	20	10	10	
	3000/5A	20	20	20	10	10	
	4000/5A	20	20	20	10	10	
CTB1306	1000/5A	10	10	10	5	5	
	1200/5A	10	10	10	7.5	5	
	1500/5A	15	15	15	10	7.5	
	2000/5A	15	15	15	10	7.5	
	2500/5A	20	20	20	10	10	
	3000/5A	20	20	20	10	10	
	4000/5A	25	20	20	10	10	
	5000/5A	25	25	25	20	20	

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Model	Burden Rated Input/Output	Accuracy Class					Outline Dimensions (mm)
		1.0	0.5	0.5S	0.2	0.2S	
CTB1505	1000/5A	10	10	10	5	5	
	1200/5A	10	10	10	7.5	5	
	1500/5A	15	15	15	10	7.5	
	2000/5A	15	15	15	10	7.5	
	2500/5A	20	20	20	10	10	
	3000/5A	20	20	20	10	10	
	4000/5A	25	20	20	10	10	
	5000/5A	25	25	25	20	20	
	6000/5A	25	25	25	20	20	
CTB1808	1500/5A	15	15	15	10	7.5	
	2000/5A	15	15	15	10	7.5	
	2500/5A	20	20	20	10	10	
	3000/5A	20	20	20	10	10	
	4000/5A	25	20	20	10	10	
	5000/5A	25	25	25	20	20	
	6000/5A	25	25	25	20	20	
CTB2008	2000/5A	15	15	15	10	7.5	
	2500/5A	20	20	20	10	10	
	3000/5A	20	20	20	10	10	
	4000/5A	25	20	20	10	10	
	5000/5A	25	25	25	20	20	
	6000/5A	25	25	25	20	20	



Model	Burden Rated Input/Output	Accuracy Class					Outline Dimensions (mm)
		1.0	0.5	0.5S	0.2	0.2S	
CTB0220V	75/5A	2.5					
	100/5A	5	2.5				
	150/5A	5	2.5				
	200/5A	5	5				
CTB0301B	100/5A	5	5	2.5			
	150/5A	5	5	2.5			
	200/5A	5	5	5	2.5		
	250/5A	5	5	5	2.5		
	300/5A	5	5	5	2.5		
	400/5A	5	5	5	2.5	2.5	
	500/5A	5	5	5	5	2.5	
CTB0401B	150/5A	5	5	2.5			
	200/5A	5	5	5	2.5		
	250/5A	5	5	5	2.5		
	300/5A	5	5	5	2.5		
	400/5A	5	5	5	2.5	2.5	
	500/5A	5	5	5	5	2.5	
	600/5A	7.5	7.5	7.5	5	5	
	800/5A	10	10	7.5	5	5	
CTB0501B	300/5A	5	5	5	2.5		
	400/5A	5	5	5	2.5	2.5	
	500/5A	5	5	5	5	2.5	
	600/5A	7.5	7.5	7.5	5	5	
	800/5A	10	10	7.5	5	5	
	1000/5A	10	10	10	7.5	5	

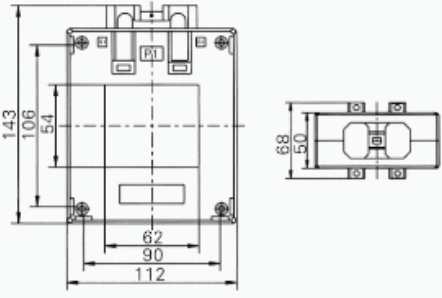
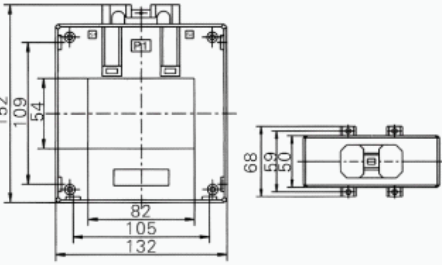
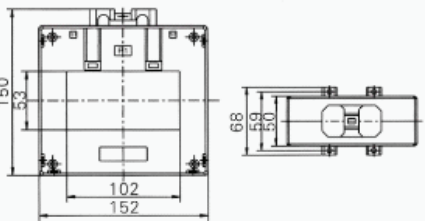
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Model	Burden Rated Input/Output	Accuracy Class					Outline Dimensions (mm)
		1.0	0.5	0.5S	0.2	0.2S	
CTB0605B	500/5A	5	5	5	5	2.5	
	600/5A	7.5	7.5	7.5	5	5	
	800/5A	10	10	7.5	5	5	
	1000/5A	10	10	10	7.5	5	
	1200/5A	10	10	10	7.5	5	
	1500/5A	10	10	10	7.5	5	
	2000/5A	15	15	10	10	7.5	
CTB0805B	500/5A	5	5	5	2.5	2.5	
	600/5A	7.5	7.5	7.5	5	5	
	800/5A	10	10	7.5	5	5	
	1000/5A	10	10	10	7.5	5	
	1200/5A	10	10	10	7.5	5	
	1500/5A	10	10	10	7.5	5	
	2000/5A	15	15	10	10	7.5	
	2500/5A	15	15	10	10	7.5	
CTB1005B	800/5A	10	10	7.5	5	5	
	1000/5A	10	10	10	7.5	5	
	1200/5A	10	10	10	7.5	5	
	1500/5A	10	10	10	7.5	5	
	2000/5A	15	15	10	10	7.5	
	2500/5A	15	15	10	10	7.5	
	3000/5A	20	20	20	10	10	



Model	Burden Rated Input/Output	Accuracy Class					Outline Dimensions (mm)
		0.5	0.5S	0.2	10P5	10P10	
CTB1205B	1000/5A	10	10	10	7.5	5	
	1200/5A	10	10	10	7.5	5	
	1500/5A	10	10	10	7.5	5	
	2000/5A	15	15	10	10	7.5	
	2500/5A	15	15	10	10	7.5	
	3000/5A	20	20	20	10	10	
	4000/5A	25	25	20	15	15	
CTB0105B	200/5A	2.5			2.5		
	250/5A	2.5	2.5		2.5		
	300/5A	2.5	2.5		2.5	2.5	
	400/5A	5	2.5	2.5	5	2.5	
	500/5A	5	2.5	2.5	7.5	5	
	600/5A	10	5	2.5	10	5	
	800/5A	10	5	5	10	5	
	1000/5A	15	10	5			
	1200/5A	15	10	5			
	1500/5A	15	10	5			
CTB0306B	400/5A	5	5	2.5	10	5	
	500/5A	5	5	5	10	5	
	600/5A	7.5	7.5	5	10	5	
	800/5A	10	7.5	5	10	5	
	1000/5A	10	10	7.5	10	5	
	1200/5A	10	10	7.5	15	10	
	1500/5A	10	10	7.5	15	10	
	2000/5A	15	10	5			
	2500/5A	15	10	5			
CTB0308B	600/5A	7.5	7.5	5	10	5	
	750/5A	7.5	7.5	5	10	5	
	800/5A	10	7.5	5	10	5	
	1000/5A	10	10	7.5	10	5	
	1200/5A	10	10	7.5	10	5	
	1500/5A	10	10	7.5	15	10	
	2000/5A	15	10	10	15	10	
	2500/5A	15	10	5			
	3000/5A	15	10	5			

Model	Burden Rated Input/Output	Accuracy Class					Outline Dimensions (mm)
		0.5	0.5S	0.2	10P5	10P10	
CTB0310B	750/5A	7.5	7.5	5	10	5	
	800/5A	10	7.5	5	10	5	
	1000/5A	10	10	7.5	10	5	
	1200/5A	10	10	7.5	10	5	
	1500/5A	10	10	7.5	15	10	
	2000/5A	15	10	10	15	10	
	2500/5A	15	10	10	15	10	
	3000/5A	10	10	7.5			
	4000/5A	15	10	10			
CTB0512B	1000/5A	10	10	7.5	10	5	
	1200/5A	10	10	7.5	10	5	
	1500/5A	10	10	7.5	15	10	
	2000/5A	15	10	10	15	10	
	2500/5A	15	10	10	15	10	
	3000/5A	10	10	7.5	20	10	
	4000/5A	15	10	10	20	10	
	5000/5A	15	10	10			
CTB0513B	1000/5A	10	10	7.5	10	5	
	1200/5A	10	10	7.5	10	5	
	1500/5A	10	10	7.5	15	10	
	2000/5A	15	10	10	15	10	
	2500/5A	15	10	10	15	10	
	3000/5A	10	10	7.5	20	10	
	4000/5A	15	10	10	20	10	
	5000/5A	15	10	10			
	6000A/5A	15	10	10			