



SPLIT CORE CURRENT TRANSFORMERS



SCT 166/205

For currents from 1000A to 6000A
 Type: split core
 Standards: acc. to BS 3938, EN 60044-1 and DIN 42600

Technical data:

Class of accuracy: 1 ... 3 (see table)
Rated burden: max. 30 VA (see table)
Rated voltage: 720 V
Rated frequency: 50-60 Hz
Rated sec. current: 5 A (or 1 A on request)
Working temperature range: -20 ... +45°C
High voltage test: 4 kV_{eff}, 50 Hz, 1 min
Insulation class: E (max. 120°C)
Protection: IP 00
Case: non-flammable plastic, UL 94 V-0



Rated primary current I_n	Ac. cl.	Type: SCT 166/205						
		Busbar hole 205x62 mm (see fig.)						
		Rated burden (VA)						
		1,5	2,5	5	7,5	10	15	20
1000 A	1			x				
	3				x			
1200 A	1			x	x			
	3					x		
1250 A	1	x	x			x		
	3			x			x	
1500 A	1			x		x		
	3						x	
2000 A	1			x		x	x	
	3							x

Rated primary current I_n	Ac. cl.	Type: SCT 166/205				
		Busbar hole 205x62 mm (see fig.)				
		Rated burden (VA)				
		5	10	15	20	30
2500 A	1	x	x	x		
	3				x	
3000 A	1	x	x	x	x	
	3					x
4000 A	1	x	x	x	x	
	3					x
5000 A	1	x	x	x		x
	3					x
6000 A	1	x	x	x		x
	3					x

Outline drawing (dimensions in mm)

Weight: 2400 – 2900 gr

Order specification:

- Split core current transformer
- Class of accuracy: 1
- Rated primary current: 4000 A
- Rated secondary current: 5 A
- Rated burden: 15 VA
- Busbar dimension: 3x200x10 mm

SCT 166/205	4000/5 A	Cl. 1	15VA
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Note:

On request orders for types different from table are accepted.

