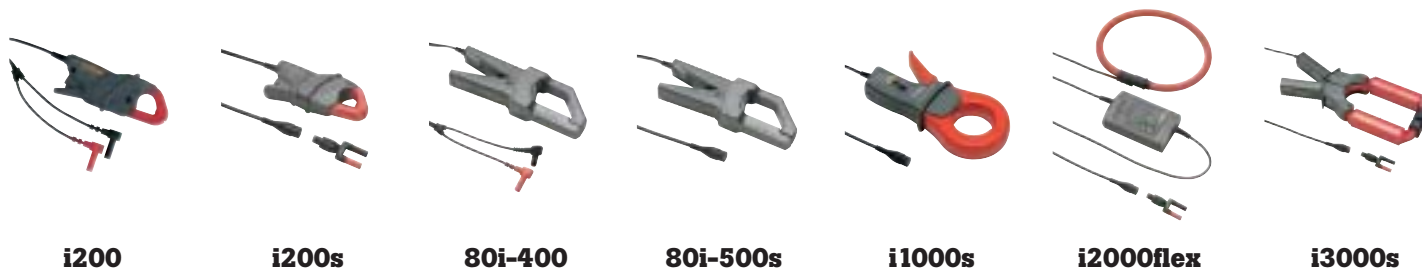


# Current Clamps

## AC Models



## Specifications

	i200	i200s	80i-400	80i-500s	i1000s	i2000 flex	i3000s
Nominal current range(s)	200 A	20 A 200 A	400 A	500 A	10 A 100 A 1000 A	200 A 2000 A	30 A 300 A 3000 A
Continuous AC current range	0.5 A - 200 A	0.1 - 24 A 0.5 A - 200 A	1A - 400 A	1 A - 500 A	0.1 A - 10 A 0.1 A - 100 A 1 A - 1000 A	2 A - 200 A 20 A - 2000 A	1 A - 30 A 1 A - 300 A 1 A - 2400 A
Highest current	240 A	240 A	600 A	700 A	2000 A	4000 A	4000 A
Lowest measurable current	0.5 A	0.1 A	1 A	1 A	0.1	2 A	1 A
Basic accuracy (48-65 Hz) <sup>1)</sup>	1% + 0.5 A	1.5%+0.5 A	3%+0.4 A	2%	1%+1 A	1% F.S.	2%+ 2 A
Useable frequency	40 Hz - 10 kHz	40 Hz - 10 kHz	40 Hz - 5 kHz	5 Hz - 10 kHz	5 Hz - 100 kHz	1 Hz - 20 kHz	10 Hz - 100 kHz
Max. working voltage	600 V AC	600 V AC	600 V AC	600 V AC	600 V AC	600 V AC	600 V AC
Maximum conductor diameter	20 mm	20 mm	30 mm 2 x 25 mm	30 mm 2 x 25 mm	54 mm	160 mm	64 mm
Maximum conductor size (busbar)	20 x 5 mm	20 x 5 mm	65 x 5 mm	63 x 5 mm			
Output level(s)	1 mA/A	100 mV/A 10 mV/A	1 mA/A	1 mV/A	100 mV/A 10 mV/A 1 mV/A	10 mV/A 1 mV/A	10 mV/A 1 mV/A 0.1 mV/A
Battery, battery life						9 V, >100 h.	
Output cable (m)	1.5	2.0	1.5	1.6	1.6	2.3	2.1
Shrouded banana plugs	●		●				
BNC adapter		●		●	●	●	●
BNC to banana adapter included		●				●	
Safety	CAT III, 600 V	CAT III, 600 V	CAT III, 600 V	CAT III, 600 V	CAT III, 600 V CAT IV, 300 V	CAT III, 600 V	CAT III, 600 V

<sup>1)</sup> Basic Accuracy: % reading + floorspec

	110/111/112	175/177/179	183/185	187/189	83/85/87 III	73 III	77 III	12	16	867B	27	45	7-600	T3/T5	321/322	333/334/335/336/337	1520	41B	43B	123	190 Series	705 / 707	712	714	715	717	718	724	725	741B/743B/744	787	789	50S/50D	51/52/53/54 II		
i200		●	●	●	●	●	●	●	●	●	●	●	●																							
i200s		●	●	●	●	●	●	●	●	●	●	●	●																							
80i-110s		3	3	3	3	3	3	3	3	3	3	3	3																							
80i-400	1,3	●	●	●	●	●	●	●	●	●	●	●	●																							
80i-500s		3	3	3	3	3	3	3	3	3	3	3	3																							
i410	1	●	●	●	●	●	●	●	●	●	●	●	●																							
i1010	1	●	●	●	●	●	●	●	●	●	●	●	●																							
i1000s		3	3	3	3	3	3	3	3	3	3	3	3																							
i2000flex		3	3	3	3	3	3	3	3	3	3	3	3																							
i3000s		●	●	●	●	●	●	●	●	●	●	●	●																							
CS20MA																																				
700 IV																																				

1) For DC only

2) Only on 1 mV/A range

3) Requires dual shrouded banana to BNC adapter

# Current Clamps

## AC/DC Models



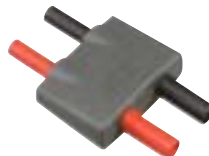
**80i-110s**



**i410**



**i1010**



**CS20MA**



**700-IV**

## Specifications

	<b>80i-110s</b>	<b>i410</b>	<b>i1010</b>	<b>CS20MA</b>	<b>700-IV</b>
Measurement type	Hall sensor	Hall sensor	Hall sensor	Current shunt	Current shunt
Nominal current range(s),	10 A, AC/DC 100 A, AC/DC	400 A, AC/DC	600 A, AC 1000 A, DC	4 mA – 20 mA	4 mA – 20 mA
Continuous current range	0.1A – 10 A AC/DC 1 A – 100 A AC/DC	1 A – 400 A AC/DC	1 A – 600 A, AC 1 A – 1000 A, DC	0 mA – 20 mA	0 mA – 55 mA
Highest current	140 A – 2 kHz	400 A	1000 A	20 mA	55 mA
Lowest measurable current	0.1 A	0.5 A	0.5 A	0 mA	0 mA
Basic accuracy <sup>1)</sup>	3% + 50 mA (@ 10 A)	3.5% + 0.5 A	2% + 0.5 A	0.1%	0.025%
Useable frequency response	DC – 100 kHz	DC – 3 kHz	DC – 10 kHz	DC – ≥ 10 kHz	
Zero error adjustment	●	●	●		
Max. working voltage	600 V	600 V	600 V	30 V	30 V
Maximum conductor diameter	11.8 mm	30 mm 2 x 25 mm	30 mm 2 x 25 mm		
Output level(s)	100 mV/A 10 mV/A	1 mV/A	1 mV/A	10 mV/mA	10 mV/mA
Output cable length (m)	1.6	1.6	1.6		
Shrouded banana Plugs		●	●	●	●
BNC adapter	●				
Battery, battery life	9 V, 55 h	9 V, 60 h	9 V, 60 h		
Safety	CAT II, 600 V CAT III, 300 V	CAT III, 600 V	CAT III, 600 V	30 V	30 V

<sup>1)</sup> Basic Accuracy: % reading + floorspec

**All accessories have a one year warranty**