# Fluke i400s AC Current Clamp



#### **Key features**

- Companion to your scope or power quality meter to measure up to 400 A AC
- Only current clamp available with a CAT IV 600 V / CAT III 1000 V safety rating
- Specially designed to offer maximum utility in a compact shape
- Take accurate current readings without breaking the circuit
- Soft non-slippery overmold handle
- Optional PM9081/001 BNC/Banana adapter for DMM's
- Two ranges: 40 A and 400 A, 10 and 1 mV/Amp output
- Max. conductor Ø 32 mm

#### Product overview: Fluke i400s AC Current Clamp

Fluke current clamps extend the current ranges of digital multimeters, power quality analyzers, and portable oscilloscopes and are available for both AC and AC/DC environments. The Fluke i400s is specially designed to offer maximum utility in a compact shape and is the only current clamp available with a CAT IV 600 V / CAT III 1000 V safety rating.

### Specifications: Fluke i400s AC Current Clamp

Specifications			
Nominal current range	40 A Range	0.5 A to 40 A	
	400 A Range	5 A to 400 A	

Basic accuracy	40 A Range	2% + 0.015 A (45-400 Hz)	
	400 A Range	2% + 0.04 A (45-400 Hz)	
Phase shift	40 A Range		
	0.5 to 1 A	Unspecified	
	1 A to 5 A	4°	
	5 A to 10 A	3°	
	10 A to 20 A	3°	
	20 A to 40 A	2°	
	40 A to 400 A	NA	
	400 A Range		
	0.5 to 1 A	NA	
	1 A to 5 A	NA	
	5 A to 10 A	Unspecified	
	10 A to 20 A	2°	
	20 A to 40 A	2°	
	40 A to 400 A	1.5°	
Typical bandwidth	40 A Range	5 Hz - 10 kHz	
	400 A Range	5 Hz - 10 kHz	
Output level(s)	40 A Range	10 mV/A	
	400 A Range	1 mV/A	
Crest factor	40 A Range	≤ 3	
	400 A Range	≤ 3 to 300 A	
		≤ 2.5 to 400 A	
Safety Specifications			
Safety	CAT IV, 600 V, CAT III, 1000 V		
Maximum non-destructive current	1000 V AC		
Mechanical and General S	pecifications		
Warranty	1 year		
Maximum conductor size	32 mm (1.25 inches)		
Output cable length	2.5 m (8.2 ft)		
BNC adapter	Yes		
Dimensions	150 x 70 x 30 mm		
Weight	114 g		

<sup>2</sup> Fluke Corporation Fluke i400s AC Current Clamp

## **Ordering information**



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