AMPROBE®

Data Sheet

CT237A
Amp Clamp Accessory

Current Transformer

This current transformer probe measures AC or DC current. It converts high current to a low level millivolt signal for input directly into a test instrument. It can be used with standard DMMs, recorders, digital or analog meters, data loggers/DAS, oscilloscopes, or other test and measurement instruments.

- **AC/DC current clamp, 200 A**
- **Zero adjust knob**

Included Accessories
Attached leads and users manual.

No hassle warranty

No waiting.

No shipping charges.

Our commitment to high-quality products and customer service is demonstrated by our industry exclusive "No Hassle" warranty. In the unlikely event that an Amprobe Test Tool requires warranty service, any of our local dealers are authorized to replace it, on the spot.

(note: $500 MSLP limit)

CAT III 300V

CE

N10140

CT237A Amp Clamp Accessory

General Specifications

Max Conductor Size	19 mm (0.75 in)
Lead Length	1.5 m (59 in)
Power	9 V battery, NEDA 1604, JIS 006P, IEC 6F22
Battery Life	50 hours (alkaline)
Operating Temperature Range	– 0 °C to + 50 °C at < 80 % R.H.
Storage Temperature Range	– 20 °C to + 85 °C
Temperature Coefficient	0.1 % of rdg per 1 °C
Dimensions	55 mm x 210 mm x 30 mm (2.2 in x 8.3 in x 1.2 in)
Weight	290 g (.64 lb.)
Warranty	One-year

Specifications (23 °C ± 1 °C, < 75 % R.H.)

Function	Range	Accuracy
DC Current		
	DC Current 20 A, 200 A 20 A:	± (1 % of rdg + 0.03 A)
	200 A:	± (1 % of rdg + 0.3 A)
Meter Input Impedance	10 kΩ min. and 100 pF max.	
Division Ratio	1000 to 1	
Output	20A: 1 A DC at jaws= 10 mV DC to meter	
	200A: 1 A DC at jaws= 1 mV DC to meter	
AC Current		
DC–10 kHz	20 A, 200 A rms 20 A (< 5 kHz)	± (1 % of rdg + 0.03 A)
	20 A (5 to 10 kHz)	± (2 % of rdg + 0.03 A)
	200 A (< 2 kHz)	± (1 % of rdg + 0.3 A)
	200 A (2 to 5 kHz)	± (2 % of rdg + 0.3 A)
	200 A (5 to 10 kHz)	± (5 % of rdg + 0.3 A)
Meter Input Impedance	10 kΩ min. and 100 pF max.	
Division Ratio	1000 to 1	
Output	20 A: 1 A AC at jaws = 10 mV AC to meter	
	200 A: 1 A AC at jaws = 1 mV AC to meter	
Overload Protection	700 A for 10 minutes and 20 minutes OFF	
	300 V AC on uninsulated conductors	