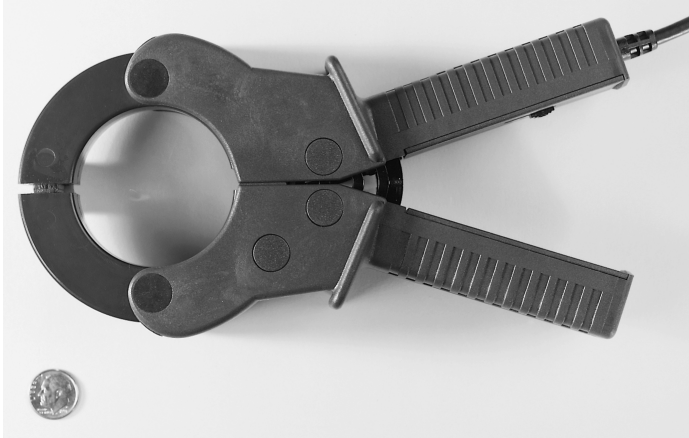


Current Probes

A621 • A622 Data Sheet



A621



A622

Features & Benefits

A621

- AC - 5 Hz to 50 kHz
- 100 mA to 2000 A Peak
- For DMM's and Oscilloscopes
- Clamp On

A622

- AC/DC - 100 kHz
- 50 mA to 100 A Peak
- For DMM's and Oscilloscopes

Applications

- Motor Drives
- Inverters
- Power Supplies
- Avionics

The A600 Series current probes high-value current probes are specifically designed to support measurements you make with your DMM, TekMeter® or oscilloscope*1.

A621 2000 Amp AC Current Probe/BNC

This industrial-style clamp-on probe has a BNC connector and may be used with a shrouded banana plug adapter*1 so it can be used on digital multimeters, TekMeter, and scopes. The A621 can measure AC currents from 100 mA to 2000 A peak over a frequency range of 5 Hz to 50 kHz. It provides a 1 mV, 10 mV, or 100 mV output for each Amp measured.

A622 100 Amp AC/DC Current Probe/BNC

This "long nose" style clamp-on probe uses a Hall Effect current sensor to provide a voltage output to oscilloscopes. It has a BNC connector and may be used with a shrouded banana plug adapter*1 so it can also be used on digital multimeters, TekMeter, and scopes. The A622 can measure AC/DC currents from 50 mA to 100 A peak over a frequency range of DC to 100 kHz. It provides 10 mV or 100 mV output for each Amp measured.

*1 For instruments with banana jack inputs, Tektronix part number 012-1450-00 Female BNC to banana lead adapter is required.

Probe Compatibility Chart

Part #	Description	DMM100*1	DMM200*1	DMM910*1	THS700*1	TX3/TX1*1
A621	AC Current Probe, 2000 A	Yes	Yes	Yes	Yes	Yes
A622	AC/DC Current Probe, 100 A	Yes	Yes	Yes	Yes	Yes

*1 For instruments with banana jack inputs, Tektronix part number 012-1450-00 Female BNC to banana lead adapter is required.

Typical Characteristics

	A621	A622
Frequency Range	5 Hz to 50 kHz	DC to 100 kHz
Max. Input Current	2000 A peak	100 A peak
Output	1 mV/A, 10 mV/A, 100 mV/A	10 mV/A, 100 mV/A
Max. Conductor Diameter	54 mm (2.13 in.)	11.8 mm (0.46 in.)
Termination	BNC*1	BNC*1
Max. Bare Wire Voltage	600 V (CATIII)	600 V (CATIII)
Safety	UL3111-2-032 CSA1010.2.032 EN61010-2-032 IEC61010-2-032	UL3111-2-032 CSA1010.2.032 EN61010-2-032 IEC61010-2-032

*1 For instruments with banana jack inputs, Tektronix part number 012-1450-00 Female BNC to banana lead adapter is required.

Ordering Information

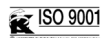
A621
2000 A AC Current Probe/BNC.

A622
100 A AC/DC Current Probe/BNC.

Service
Opt. R3 – Repair Service 3 Years
Opt. R5 – Repair Service 5 Years

Recommended Accessories

A621, A622
Adapter, lead; discrete – MLD, 2, 18 AWG, dual insul, BNC, female X 4 mm dual insul; banana jack X dual insul plug, shield banana. Order 012-1450-xx.



Product(s) are manufactured in ISO registered facilities.

Contact Tektronix:

ASEAN / Australasia (65) 6356 3900
Austria +41 52 675 3777
Balkans, Israel, South Africa and other ISE Countries +41 52 675 3777
Belgium 07 81 60166
Brazil +55 (11) 40669400
Canada 1 (800) 661-5625
Central East Europe, Ukraine, and the Baltics +41 52 675 3777
Central Europe & Greece +41 52 675 3777
Denmark +45 80 88 1401
Finland +41 52 675 3777
France +33 (0) 1 69 86 81 81
Germany +49 (221) 94 77 400
Hong Kong (852) 2585-6688
India (91) 80-42922600
Italy +39 (02) 25086 1
Japan 81 (3) 6714-3010
Luxembourg +44 (0) 1344 392400
Mexico, Central/South America & Caribbean 52 (55) 54247900
Middle East, Asia, and North Africa +41 52 675 3777
The Netherlands 090 02 021797
Norway 800 16098
People's Republic of China 86 (10) 6235 1230
Poland +41 52 675 3777
Portugal 80 08 12370
Republic of Korea 82 (2) 6917-5000
Russia & CIS +7 (495) 7484900
South Africa +27 11 206 8360
Spain (+34) 901 988 054
Sweden 020 08 80371
Switzerland +41 52 675 3777
Taiwan 886 (2) 2722-9622
United Kingdom & Ireland +44 (0) 1344 392400
USA 1 (800) 426-2200

For other areas contact Tektronix, Inc at: 1 (503) 627-7111

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