

A621 • A622 Current Probes

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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.

Probe Compatibility Chart

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

	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

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

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)
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