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Data Sheet

August 12, 2026

KEYSIGHT / AGILENT

Keysight (Agilent) N2779A Power Supply for N2780-83A / B Current Probe

Keysight / Agilent N2779A Current Probe Power Supply The N2779A is a dedicated 3-channel power supply for Keysight N2780A/B-N2783A/B AC/DC current probes (also works with discontinued N2774A). Three ± 12 V probe-power outputs enable three-phase measurements. Universal AC input; UL listed. The N2779A is a dedicated 3-channel power supply for Keysight N2780A/B-N2783A/B AC/DC current probes (also works with discontinued N2774A). Three ± 12 V probe-power outputs enable three-phase measurements. Universal AC input; UL listed.



MODEL

**Keysight / Agilent
N2779A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

N2779A

LISTING

<https://aumictechlabs.com/products/n2779a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight N2779A is a dedicated DC power supply engineered to operate the Keysight N2780–N2783 series AC/DC current probes. It delivers precisely regulated ± 12 V DC output across three independent probe-power connectors, enabling simultaneous operation of multiple current probes for comprehensive three-phase power analysis and system diagnostics. Technical Specifications Output Voltage: ± 12 V DC ± 0.5 V Output Current: ± 1.4 A per connector (rated maximum) Ripple Voltage: ≤ 50 mV peak-to-peak at rated output current Number of Outputs: 3 probe-power connectors Input Supply: 100–240 VAC, 50/60 Hz ($\pm 10\%$ voltage fluctuation tolerance) Power Consumption: 130 VA maximum Load Coefficient: Output voltage maintained

within limits for 0–1.4A load range Temperature Coefficient: Output voltage maintained within limits for 0–40 °C ambient Installation Category: CAT II Transient Overvoltage Rating: 2500V Dimensions: 80 mm (W) × 119 mm (H) × 200 mm (D) Weight: 1.2 kg Certification: UL listedKey Features Universal AC input accepts 100–240 VAC without configuration changes Three simultaneous outputs support multi-probe deployments Front-panel probe-power connectors ensure convenient field accessibility Rear-panel power switch for standard operational control Low output ripple (≤ 50 mV pp) minimizes measurement noise in sensitive current applications Stable output across load variation and temperature extremesTypical Applications Three-phase AC power system diagnostics and monitoring Multi-channel current measurement in industrial power analysis Simultaneous probe operation in distributed measurement scenariosCompatibility & Integration Designed for Keysight N2780A/B, N2781A/B, N2782A/B, and N2783A/B AC/DC current probes. Also compatible with legacy N2774A current probes.

Features & description

From manufacturer datasheet

Features

• Output voltage: DC $\pm 12\text{ V} \pm 0.5\text{ V}$ • Probe-power connectors: 3 (front panel) • Rated output current: $\pm 1.4\text{ A}$ • Ripple: $\leq 50\text{ mV}$ p-p at rated output current • Load coefficient: within limits for 0–1.4 A • Temperature coefficient: within limits for 0–40 °C ambient • Compatible probes: N2780A/B, N2781A/B, N2782A/B, N2783A/B; also N2774A • Connector type: LEMO FFA.0S.304.CNAC42Z class • AC input: 100–240 VAC ($\pm 10\%$), 50/60 Hz • Max power consumption: 130 VA (user guide); some literature cites up to 170 VA class • Installation category: CAT II • Weight: approx. 1.2 kg • Size: approx. 80 × 119 × 200 mm (W×H×D) • POWER switch: rear panel • UL Listed: File No. E309995 • Accessory: power cord

Applications

• Power up to three N278x current probes simultaneously • Three-phase power analysis with N2780-series probes • Safe dedicated supply for N278x clamp probes

N2779A Key Specifications

PARAMETER	VALUE
Output voltage	DC $\pm 12\text{ V} \pm 0.5\text{ V}$
Probe-power connectors	3 (front panel)
Rated output current	$\pm 1.4\text{ A}$
Ripple	$\leq 50\text{ mV p-p}$ at rated output current
Load coefficient	within V limits for 0–1.4 A
Temperature coefficient	within V limits for 0–40 °C ambient
Compatible probes	N2780A/B, N2781A/B, N2782A/B, N2783A/B; also N2774A
Connector type	LEMO FFA.0S.304.CNAC42Z class
AC input	100–240 VAC ($\pm 10\%$), 50/60 Hz
Max power consumption	130 VA (user guide); some literature cites up to 170 VA class
Installation category	CAT II
Weight	approx. 1.2 kg
Size	approx. 80 × 119 × 200 mm (W×H×D)
POWER switch	rear panel
UL Listed	File No. E309995
Accessory	power cord

N2779A Specifications

PARAMETER	VALUE
Keysight / Agilent N2779A Current Probe Power Supply	Overview
Applications	- Power up to three N278x current probes simultaneously
Key Features	- Output voltage: DC $\pm 12\text{ V} \pm 0.5\text{ V}$
Technical Specifications	Model: N2779A
Notes	Characteristics from Keysight N2779A User's Guide (OEM states characteristics, not warranted specs). Use only with listed current probes.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
Specifications	
PARAMETER	VALUE
Model	N2779A
Manufacturer	Keysight / Agilent
Instrument Type	Current Probe Power Supply
Alias	N2779A; Keysight N2779A; Agilent N2779A
Specifications	
PARAMETER	VALUE
Output voltage	±12 V ±0.5 V
Channels	3
Rated current	±1.4 A
Ripple	≤50 mV p-p
AC input	100–240 VAC 50/60 Hz
Power	130 VA max
Weight	1.2 kg
Dimensions	80 × 119 × 200 mm
Compatible probes	N2780–N2783 A/B series
Notes	
Characteristics from Keysight N2779A User’s Guide (OEM states characteristics, not warranted specs). Use only with listed current probes.	

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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NIST-traceable calibration · SAM registered ·
30-day returns
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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.