

Di-LOG
...measurably better

DL6403-DL6404 True RMS Clamp Meter



- 4000 Counts LCD Display

- Auto Power Off

- True RMS

- Bargraph

- Data Hold

- 30mm Clamp

- Bright White LCD backlight

DL6403 & DL6404

- AC-DC Voltage to 600V,
- AC-DC Current to 1000A
(DL6403 AC Current Only)
- Resistance to 40M Ω
- Diode Measurement
- Temperature to 1000 $^{\circ}$ C
- Frequency to 4kHz
- Continuity to 35 Ω
- Capacitance to 40mF

www.dilog.co.uk

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SPECIFICATIONS

DC Voltage

Range	Resolution	Accuracy
400.0mV	0.1mV	±0.8 % of rdg ± 3 dgts
4.000V	0.001V	±1.5 % of rdg ± 3 dgts
40.00V	0.01V	±1.5 % of rdg ± 3 dgts
400.0V	0.1V	±1.5 % of rdg ± 3 dgts
600V	1V	±2.0 % of rdg ± 2 dgts

Maximum Input: 600V DC

AC Voltage - True RMS

Range	Resolution	Accuracy
400.0mV	0.1mV	±1.0 % of rdg ± 4 dgts
4.000V	0.001V	±1.5 % of rdg ± 8 dgts
40.00V	0.01V	±1.5 % of rdg ± 8 dgts
400.0V	0.1V	±1.5 % of rdg ± 8 dgts
600V	1V	±2.0 % of rdg ± 8 dgts

Maximum Input: 600VAC True RMS

Note: No Auto ranging on 400mV Range

DC Current - DL6404 Only

Range	Resolution	Accuracy
40.00A	0.01A	±2.8 % of rdg ± 10 dgts
400.0A	0.1A	±2.8 % of rdg ± 8 dgts
1000A	1A	±3.0 % of rdg ± 8 dgts

Maximum Input: 1000A

AC Current - True RMS

Range	Resolution	Accuracy
40.00A	0.01A	±2.8 % of rdg ± 10 dgts
400.0A	0.1A	±2.8 % of rdg ± 8 dgts
1000A	1A	±3.0 % of rdg ± 8 dgts

Maximum Input: 1000A True RMS

Resistance

Range	Resolution	Accuracy
400.0Ω	0.1Ω	±1.0 % of rdg ± 4 dgts
4.000kΩ	1Ω	±1.5 % of rdg ± 2 dgts
40.00kΩ	10Ω	±1.5 % of rdg ± 2 dgts
400.0kΩ	100Ω	±1.5 % of rdg ± 2 dgts
4.000MΩ	1kΩ	±2.5 % of rdg ± 5 dgts
40.00MΩ	10kΩ	±3.5 % of rdg ± 10 dgts

Input Protection: 250V DC or 250V AC

Capacitance - DL6402 only

Range	Resolution	Accuracy
4.000nF	0.001nF	±5.0 % of rdg ± 30 dgts
40.00nF	0.01nF	±5.0 % of rdg ± 20 dgts
400.0nF	0.1nF	±3.0 % of rdg ± 5 dgts
4.000uF	0.001uF	±3.0 % of rdg ± 5 dgts
40.00uF	0.01uF	±3.0 % of rdg ± 5 dgts
400.0uF	0.1uF	±4.0 % of rdg ± 10 dgts
4.000mF	0.001mF	±4.5 % of rdg ± 10 dgts
40.00mF	0.01mF	±5.0 % of rdg ± 10 dgts

Input Protection: 250V DC or 250V AC

Diode Test

Test current: 0.3mA typical

Open circuit voltage: 1.5V DC typical

Overload protection: 250V DC or AC

Audible continuity

Audible threshold: Less than 35Ω

Test current: <1mA

Overload protection: 250V DC or 250VAC.

Temperature

Range	Resolution	Accuracy
-40 to 1000°C	1°C	±2.5 % of rdg ± 3°C
-40 to 1832°F	1°F	±2.5 % of rdg ± 5°F

Maximum Input: 60V DC or 24V AC

Frequency

Range	Resolution	Accuracy
4.000kHz	0.001kHz	±1.5 % of rdg ± 2 dgts

Sensitivity: 5V rms minimum

Miscellaneous

Supplied with 1x 9V battery

Dimensions: 229(H) x 80(W) x 49(D) mm

Weight: 303g

**All Di-log Clamp Meters
supported by a
2 Year Warranty**



EMC & LVD
EN: 50081-1, 50082-1
EN: 61010-1, EN 61010-02-031

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