



UTL291

Features:

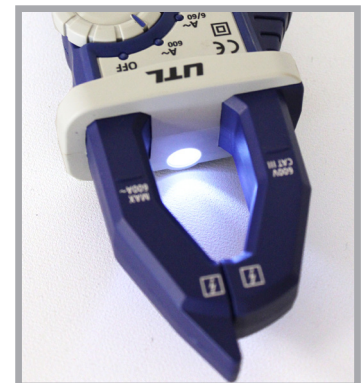
- Data Hold
- Auto / Manual Ranging
- Backlit Display
- Worklight
- Auto Power Off
- 1 Year Limited Warranty

Specifications:

- Display 3 5/6 digits 6000 count
- Automatic function indication screen
- Sample Rate: 3 times/sec digital data
- AC current: 6A/60A/600A \pm 2.5%
- DC voltage: 600V \pm 1%
- AC voltage: 600V \pm 1.2%
- Resistance: 60M Ω \pm 2%
- Audible continuity
- Maximum conductor size: \varnothing 28mm



Intertek
3194551



General Specifications

- Display: LCD 3-5/6 Digits 6000 count
- Refresh Rate: 3 times/sec
- Overrange display: "OL"
- Power battery: DC1.5V x3 SIZE AAA.
- Battery Life: Approx. 100 hours
- Clamp jaw opening: 1.02in (26mm)
- Operating Elevation Up to 6571.7 ft. (2000m)
- Operating Temperature: 32°F to 104°F (0°C to 40°C) at < 75% R.H
- Storage Temperature: 14°F to 140°F (-20°C to 60°C) at < 80% R.H
- Accuracy Temperature: Stated Accuracy at 73°F ± 41°F (23°C to ± 5°C) < 75% R.H
- Dimensions: 8.66x3.19x1.6in (220x81x41mm)
- Weight: about 0.70lbs. (318g) (battery installed)
- Certifications: CE, C-ETL-US
- Standards: IEC61010-1, IEC61010-2-032, Double Insulated
- Operating Category: 600V CAT III
- Pollution degree: 2.

Includes



- Soft Carrying Case
- Test Leads
- 3 X 1.5V AAA Batteries
- Manual

Specifications

DC Voltage Measurement

Range	Resolution	Accuracy
600mV	0.1mV	± (0.8% + 2 dgts)
6V	1mV	
60V	10mV	
600V	1V	± (1.0% + 2 dgts)

Overload protection: 600V RMS

AC Voltage Measurement

Range	Resolution	Accuracy
600mV	100mV	± (1.0% + 10 dgts)
6V		
60V		
600V	1V	± (1.2% + 10 dgts)

Overload protection: 600V RMS

Temperature

Range	Resolution	Accuracy
-20°C to 1000°C	1°C	± (2.0% + 2 dgts)
-4°F to 1832°F	1°F	± (2.0% + 4 dgts)

AC Current

Range	Resolution	Accuracy
6A	0.001A	± (2.5% + 10 dgts)
60A	0.01A	
600A	0.1A	

Resistance

Range	Resolution	Accuracy
600Ω	0.1Ω	± (1.2% + 2 dgts)
6kΩ	1Ω	
60kΩ	10Ω	
600kΩ	100Ω	
6MΩ	1kΩ	
60MΩ	10kΩ	
		± (2.0% + 2 dgts)

Overload protection: 250V RMS

Diode Test

Range	Max. Test Current	Open Circuit Voltage
0.5 to 0.7V	1.2mA	2.7V

Duty Cycle

Range	Resolution	Accuracy
0.5 to 99%	0.10%	± (1.5% + 15 dgts)

Continuity

Audible Threshold	Open Test Circuit	Resolution
≤ 50Ω	1.0V	0.1Ω

Overload protection: 250V RMS

Frequency

Range	Resolution	Accuracy
9.99Hz	0.001Hz	± (0.5% + 5 dgts)
99.99Hz	0.01Hz	
999.9Hz	0.1Hz	
9.999kHz	0.001kHz	
99.99kHz	0.01kHz	
999.9kHz	0.1kHz	
9.999MHz	0.001MHz	

Overload protection: 250V RMS

Capacitance

Range	Resolution	Accuracy
10nF	0.001nF	± (3.0% + 10 dgts)
100nF	0.01nF	
1μF	0.1nF	
10μF	0.001μF	
100μF	0.01μF	
1mF	0.01μF	
10mF	0.001mF	± (4.0% + 10 dgts)
60mF	0.01mF	

Overload protection: 250V RMS

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