

General Specifications

Characteristics

Display
 Display update for Volt
 Over-range Indication on all functions
 Operating Environment,
 Relative Humidity
 Storage Environment:
 Case Construction:
 Altitude:
 Dimensions:
 Weight:
 Safety:

Description

128 x 64 OLED with backlight
 Less than 2.5 times Second.
 Display "OL"
 32°F to 122°F (0°C to 50°C) at <80%RH
 32°F to 122°F (0°C to 50°C) at <80% RH
 ABS UL 94V/0/5VA rated
 6561.7 ft (2000m)
 6.4" (L) x 3" (W) x 1.4" (D)
 162mm (L) x 76mm (W) x 36mm (D)
 9.4 oz (267g)
 UL61010B-1, Cat III-300V
 UL-1436 for AFCI, GFCI & Outlet



Accessories:

Includes 1' plug adapter, carrying case, instruction manual. Optional alligator clip adapter available.

Double Insulation

Instrument has been evaluated and complies with insulation category III (overvoltage category III). Pollution degree 2 in accordance with IEC-644. Indoor use.

Measurement Specifications:

All specifications are at 23°C ± 5°C at less than 80% relative humidity.
 Accuracy is state as ± ([% of range] + [counts]).
 AC converter is true rms sensing.

Measurement	Ranges	Resolution	Accuracy
Line Voltage	85.0 - 250.0 VAC	0.1V	1.0% ± .2V
Peak Line Voltage	121.0 - 354.0 VAC	0.1V	1.0% ± .2V
Frequency	45.0 - 65.0 Hz	0.1Hz	1.0% ± .2Hz
% Voltage Drop	0.1% - 99.9%	0.1%	2.5% ± .2%
Voltage Loaded	10.0 - 250.0 VAC	0.1V	2.5% ± .2V
Neutral-Ground V	0.0 - 10.0 VAC	0.1V	2.5% ± .2V
Impedance - Hot Neutral, & Ground	0.00 Ω - 3.00 Ω > 3 Ω	0.01Ω	2.5% ± .02Ω Unspecified.
GFCI Trip Time	1mS to 6.500S counter.	1 mS	1.0% ± 2mS
GFCI Trip Current	6.0 - 9.0 mA	0.1 mA	1.0% ± .2mA
EPD Trip Current	30.0 - 37.0 mA	0.1 mA	1.0% ± .2mA