



1. ELECTRICAL SPECIFICATION

Accuracy is indicated as [% rdg + dgt]. It is referred to the following reference conditions: 23°C ± 5°C with RH < 80%.

DC Voltage

Range	Resolution	Accuracy	Input impedance	Overload protection
1.8 ÷ 600.0V	0.1V	±(1.0% rdg + 2 dgt)	from 4kΩ if V _{IN} ≤ 30V to 200kΩ if V _{IN} =600V	600Vrms AC
-0.6 ÷ -600.0V		±(1.0% rdg + 4 dgt)		

Max operation time: 30s if V ≥ 30V

AC Voltage

Range	Resolution	Accuracy	Input impedance	Overload protection
1.3 ÷ 600.0V	0.1V	±(1.5% rdg + 3 dgt)	from 4KΩ if V _{IN} ≤ 30V to 200KΩ if V _{IN} =600V	600Vrms AC

Max operation time: 30s if V ≥ 30V

Frequency range: from 50 Hz to 500 Hz

AC Current

Range	Resolution	Accuracy	Frequency range	Overload protection
0.6 ÷ 400.0A	0.1A	±(1.8% rdg + 3 dgt)	50 - 60Hz	400Arms

Readings less than 50A: add ± 3 dgt to accuracy.

Resistance and test continuity

Range	Resolution	Accuracy	Buzzer	Overload protection
0 ÷ 99.9Ω	0.1Ω	±(2.0% rdg + 10 dgt)	≤ 25Ω	600Vrms AC
100 ÷ 2000Ω	1Ω	±(2.0% rdg + 2 dgt)		

Max open voltage: 1.5V



2. GENERAL SPECIFICATIONS

Features

- Auto Selection on ACV, DCV, ACA and Ohm
- Data Hold
- Auto power off
- Continuity Beeper

Supply

Battery type:	1 battery 9V NEDA 1604 IEC 6F22 JIS 006P.
Low battery indication:	" $\frac{+}{-}$ " is displayed when the battery level is too low.
Battery life:	about 250 hours.
AutoPowerOff:	About 30 minutes after power-on

Display

Characteristics:	3 $\frac{3}{4}$ dgt (6000 counts) plus decimal point, unit symbol indication
Sample rate:	5 times/sec
Conversion mode:	Mean Value

Mechanical characteristics

Size:	198(L) x 66(La) x 46(H)mm
Weight (including battery):	about 260g
Jaws opening:	35mm
Max conductor size:	27mm

Climatic conditions

Reference temperature:	23° ± 5°C
Operating temperature:	0 ÷ 40 °C
Operating humidity:	< 75% RH
Storage temperature:	-20 ÷ 60 °C
Storage humidity:	< 80% RH

Safety standards

Comply with:	EN 61010-1
Insulation:	Class 2, Double insulation
Pollution:	Level 2
For inside use, max height:	2000m
Installation category:	CAT III 600V between inputs and to ground

This product conforms to the prescriptions of the European directive on low voltage 2006/95/EEC and to EMC directive 2004/108/EEC