

FICHA TÉCNICA DE PRODUCTO

PINZA VOLTI AMPERIMETRICA

ST201

Cód. 33402



≈ 600V CAT II ≈ 400A

Descripción:

Esta pinza volti amperimetrica fue diseñada para medir el voltaje AC/DC, corriente AC, resistencia, capacitancia, temperatura, chequear diodos y probar continuidad de circuitos.

Indicadores:

- Indicador de polaridad: “-”
- Indicador Fuera de Rango : “OL”
- Indicador Batería baja: “ ”

Características generales

Tipo de pantalla	LCD
Tamaño	213 x 52 x 31 mm
Peso	190 g
Tipo batería	1.5V , AAA
Rango automático	Sí
Temperatura de operación	0°C a 40°C

SPECIFICATIONS

Accuracy is guarantied for 1 year 23°C±5°C less than 80%RH.

DC VOLTAGE (Auto ranging)

Range	Resolution	Accuracy
200mV	0.1mV	±(0.8% of rdg + 5dgt)
2V	1mV	±(0.5% of rdg + 2dgt)
20V	10mV	
200V	100mV	
600V	1V	±(1.0% of rdg + 5dgt)

Input Impedance: 10MΩ
Overload Protection: 600V DC/AC rms
Max. Input voltage: 600V DC

AC CURRENT (Auto ranging)

Range	Resolution	Accuracy
2A	1mA	±(2.5% of rdg + 10dgt)
20A	10mA	
200A	100mA	±(2.0% of rdg + 5dgt)
400A	1A	

Measuring voltage drop:200mV
Frequency Range: 40 to 200 Hz

AC VOLTAGE (Auto ranging)

Range	Resolution	Accuracy
200mV	0.1mV	±(1.2% of rdg + 5dgt)
2V	1mV	±(1.2% of rdg + 3dgt)
20V	10mV	
200V	100mV	
600V	1V	±(1.2% of rdg + 8dgt)

Input Impedance: 10MΩ
Frequency Range: 40Hz ~ 400Hz
Overload Protection: 600V DC/AC rms
Response: Average, calibrated in rms of sine wave
Max. Input voltage: 600V AC rms

TEMPERATURE (DT202C only)

Range	Resolution	Accuracy
-40~ 1370°C	1°C	-40°C ~ 150°C: ±(1% + 4)
		150°C ~ 1370°C: ±(2% + 3)
-40~ 2000°F	1°F	-40°F ~ 302°F: ±(5% + 4)
		3°F ~ 2000°F: ±(2% + 3)

Overload Protection: 250V DC/AC rms

RESISTANCE (Auto ranging)

Range	Resolution	Accuracy
200Ω	0.1Ω	±(1.5% of rdg + 3dgt)
2KΩ	1Ω	
20KΩ	10Ω	
200KΩ	100Ω	
2MΩ	1KΩ	
20MΩ	10KΩ	

Open Circuit Voltage: about 0.25V
Overload Protection: 250V DC/AC rms

DIODE AND CONTINUITY

Range	Introduction	Remark
	The approximate forward voltage drop will be displayed	Open circuit voltage: about 1.5V
	The built-in buzzer will sound if the resistance is less than about 30Ω	Open circuit voltage: about 0.5V

Overload Protection: 250V DC/AC rms
For continuity test: When the resistance is between 30Ω and 100Ω, the buzzer may sound or may not sound. When the resistance is more than 100Ω, the buzzer won't sound.

CAPACITANCE

Range	Resolution	Accuracy
4nF	1pF	±(3.0% of rdg + 5dgt)
40nF	10pF	
400nF	100pF	
4uF	1nF	
40uF	10nF	
400uF	100nF	±(3.5% of rdg + 10dgt)
4mF	1uF	±(4.0% of rdg + 15dgt)