



## 1. ELECTRICAL SPECIFICATIONS

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
0 ÷ 400.0V	0.1V	±(0.7% rdg + 2 dgt)	1MΩ, <100pF	600V DC 600Vrms AC
400 ÷ 600V	1V			

Readings less than 10% of full scale: add ± 4 dgt to accuracy.

### AC Voltage

Range	Resolution	Accuracy	Input impedance	Banda passante	Overload protection
0 ÷ 400.0V	0.1V	±(1.0% rdg + 5 dgt)	1MΩ <100pF	50 - 500Hz	600V DC 600Vrms AC
400 ÷ 600V	1V				

### Resistance and Test Continuity

Range	Resolution	Accuracy	Buzzer	Overload protection
0 ÷ 400.0Ω	0.1Ω	±(1.0% rdg + 3 dgt)	≤ 30Ω	600Vrms AC

Max open voltage: 3V

### AC Current

Range	Resolution	Accuracy	Frequency range	Overload protection
0 ÷ 60.0A	0.1A	±(1.9% rdg + 7 dgt)	50 - 60Hz	600Arms
60 ÷ 400.0A		±(1.9% rdg + 5 dgt)		
400 ÷ 600A	1A	61 - 400Hz		
0 ÷ 400.0A	0.1A		±(2.5% rdg + 7 dgt)	
400 ÷ 600A	1A	±(2.5% rdg + 7 dgt)		

Position error: ± 1.0%.

### Frequency (with clamp)

Range	Resolution	Accuracy	Input	Overload protection
20 - 400Hz	1Hz	±(0.1% rdg + 2 dgt)	3 – 600A	600Arms AC



## 2. GENERAL SPECIFICATIONS

### Special Functions

- Analog Bargraph
- Backlight
- Continuity Beeper
- Data Hold
- Peak Hold
- Min Max Function
- Auto Power off

### Safety

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

### General data

#### Mechanical characteristics

Size:	220(L) x 76(La) x 50(H)mm
Weight (including battery):	about 460g
Jaws opening:	35mm
Max conductor size:	34mm

#### Supply

Battery type:	2 batteries 1,5V IEC LR03 AM4 AAA.
Low battery indication:	" $\pm$ " is displayed when the battery level is too low.
Battery life:	about 600 hours.

#### Display

Characteristics:	3 $\frac{3}{4}$ dgt with maximum reading 4000 units plus decimal point, unit symbol indication, bargraph and backlight.
Sample rate:	1.5 times/sec.

## ENVIRONMENTAL CONDITIONS

#### 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

#### EMC

**This product conforms to the prescriptions of the European directive on low voltage 73/23/EEC and to EMC directive 89/336/EEC, amended by 93/68/EEC**