



1. ELECTRICAL SPECIFICATIONS

Accuracy is gives as [% readings + number of digits] at 23°C ± 5°C ; <80%HR

AC Current

Range	Resolution	Accuracy (50 ÷ 60Hz)	Accuracy (61 ÷ 400Hz)	Overload protection
6.000mA	0.001mA	$\pm(1.0\%rdg + 8dgt)$ (0 ÷ 50A)	$\pm(2.0\%rdg + 6dgt)$ (0 ÷ 30A)	120Arms
60.00mA	0.01mA			
600.0mA	0.1mA			
6.000A	0.001A			
60.00A	0.01A			
100.0A	0.1A			

Internal low pass filter

Range	Resolution	Accuracy	Overload protection
6.000mA	0.001mA	$\pm(2.0\%rdg + 8dgt)$ (0 ÷ 50A) $\pm(6.0\%rdg + 8dgt)$ (50 ÷ 60A) $\pm(9.0\%rdg + 8dgt)$ (60 ÷ 100A)	120Arms
60.00mA	0.01mA		
600.0mA	0.1mA		
6.000A	0.001A		
60.00A	0.01A		
100.0A	0.1A		

Attenuation characteristics: -24dB/octave
Cut-off frequency: 100Hz



2. GENERAL SPECIFICATIONS

Features

Block of readings at display:	Data HOLD
Automatic block of readings at display:	Auto HOLD (for continuous digit oscillation)
Block of peak readings:	Peak HOLD
Low pass filter:	50/60Hz to erase harmonic components
Comparator with sound emission:	0.25, 0.75, 3.25mA thresholds compliance to IEC60950
Backlight:	automatic detectable sensor
DC analogical output:	to connection with external data loggers

Mechanical specifications

Dimensions:	202(L) x 75(W) x 42(H)mm
Weight (including batteries):	265g
Max conductor size:	40mm

Power supply

Power supply:	2x1.5V batteries type AAA LR03
Low battery indications:	percentage value at display
Life battery:	about 60 hours of continuous operation
AutoPowerOFF:	after 20 minutes from last operation

Display

Features:	LCD, 4 dgt, 6000 points with bargraph and decimal point
Sampling rate:	5 times/s
Overrange indication:	"OL" message at display
Conversion mode:	TRMS

Climatic conditions

Reference temperature:	23° ± 5°C
Operating temperature:	0 ÷ 50 °C
Operating humidity:	<80%RH
Storage temperature:	-20 ÷ 60 °C
Storage humidity:	<80%RH

Reference standards

Comply with:	IEC/EN61010-1
Insulation:	double insulation
Pollution level:	2
For inside use, max height:	2000m
Installation category:	CAT III 300V

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