



1. ELECTRICAL SPECIFICATIONS

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

AC TRMS Current

Range	Resolution	Accuracy	Bandwidth	Max input current
300mA	0.1mA	$\pm(1.5\%rdg + 8dgt)$	50 ÷ 60Hz	3Arms
3A	0.001A			30Arms
30A	0.01A			300Arms
300A	0.1A			3000Arms
3000A	1A	$\pm(2.0\%rdg + 8dgt)$		

DC analogical output

Range	Ratio	Accuracy (50 ÷ 60Hz)	Bandwidth	Max input current
300mA	1mV/1mA	$\pm(1.5\%FS)$	50 ÷ 60Hz	3Arms
3A	1mV/0.01A			30Arms
30A	1mV/0.1A			300Arms
300A	1mV/1A			3000Arms
3000A	1mV/10A			

FS = full scale of meter

Internal Filter

Type of filter	Cut off frequency
Low-pass	150Hz



2. GENERAL SPECIFICATIONS

Features

Block of readings at display:	Data HOLD
Low pass filter:	150Hz to erase harmonic components
DC analogical output:	to connection with external data loggers

Mechanical specifications

Dimensions:	341(L) x 194(W) x 52(H)mm
Weight (including batteries):	1.9kg
Max conductor size:	108mm

Power supply

Power supply:	2x1.5V batteries type AAA LR03
Low battery indications:	symbol “ \pm ” at display
Life battery:	about 200 hours of continuous operation
AutoPowerOFF:	after 10 minutes of idleness

Display

Features:	LCD, 4 dgt, 3200 points + decimal point
Sampling rate:	2 times/s
Overrange indication:	“OL” message at display
Conversion mode:	TRMS

Climatic conditions

Reference temperature:	23° ± 5°C
Operating temperature:	0 ÷ 40 °C
Operating humidity:	<80%RH
Storage temperature:	-10 ÷ 60 °C
Storage humidity:	<80%RH

Reference standards

Safety:	IEC/EN61010-1 ; IEC/EN61010-2-032
Insulation:	double insulation
Pollution level:	2
Max height of use:	2000m
Category of measure:	CAT II 600V – 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