



## 1. ELECTRICAL SPECIFICATIONS

Accuracy indicated as  $\pm$  [%reading + (number dgts \* resolution)] at 23°C  $\pm$  5°C, <80%RH.

### DC CURRENT

Range	Resolution	Accuracy	Overload protection
40.00A	0.01A	$\pm(2.5\%rdg+10dgt)$	400A DC/ACrms
400.0A	0.1A	$\pm(2.8\%rdg+8dgt)$	

### AC TRMS CURRENT

Range	Resolution	Accuracy (50Hz $\div$ 60Hz)	Accuracy (61Hz $\div$ 400Hz)	Overload protection
40.00A	0.01A	$\pm(2.5\%rdg+10dgt)$	$\pm(2.8\%rdg+10dgt)$	400A DC/ACrms
400.0A	0.1A	$\pm(2.8\%rdg+8dgt)$	$\pm(2.8\%rdg+8dgt)$	

For not sinusoidal waveforms the frequency range is: 50Hz  $\div$  60Hz  
INRUSH feature range (40A): 3A  $\div$  40A, 50/60Hz, Accuracy:  $\pm 10\%rdg$   
INRUSH feature range (400A): 10A  $\div$  400A, 50/60Hz, Accuracy:  $\pm 10\%rdg$   
INRUSH response time: 100ms

## 2. GENERAL SPECIFICATIONS

### Display:

- LCD, 3  $\frac{3}{4}$  dgt, 4000 counts + decimal point + backlight

### Features:

- Data HOLD, ZERO, INRUSH CURRENT
- AC voltage detection without contact (NCV): range 200V  $\div$  1000V, 50/60Hz

### Frequency rate:

- 3 times/s
- Conversion: TRMS

### Environmental conditions:

- Working temperature/humidity: 5°C  $\div$  40°C, <80%RH
- Storage temperature/humidity: -20°C  $\div$  60°C, <80%RH

### General characteristics:

- Max height of use: 2000m
- Pollution degree: 2
- Insulation: double insulation
- Max diameter of conductor: 20mm

### Power supply:

- 2 x 1.5V batteries type AAA LR03
- Battery life: ca 85h (with backlight), ca 240h (without backlight)
- Auto Power OFF: after 15min of idleness

### Mechanical characteristics:

- Dimensions (L x W x H): 155 x 60 x 25mm
- Weight (included batteries): 140g
- Mechanical protection: IP30

### Reference guidelines:

- Safety : IEC/EN61010-1, CAT III 300V, EMC: IEC/EN61326-1

**This product conforms to the prescriptions of the European LVD directive 2014/35/EU and to EMC directive 2014/30/EU**