



# HT7003

Rel. 1.00 of 27/01/15

## Compact digital AC clamp up to 300A

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## 1. ELECTRICAL SPECIFICATIONS

Accuracy indicated as  $\pm[\%rdg + (no.dgt * resolution)]$  at  $23^{\circ}C \pm 5^{\circ}C$ ,  $<80\% RH$

### AC CURRENT

Range	Resolution	Accuracy (*) (50Hz ÷ 60Hz)	Overload protection
40.00A	0.01A	$\pm(1.8\%rdg+5dgt)$	400A AC (60s)
200.0A	0.1A		

(\*) Frequency response (0 ÷ 200A / 40Hz ÷ 50Hz and 60Hz ÷ 500Hz): add  $\pm(1.5\%rdg+3dgt)$  to the accuracy

**NOTE:** for measurement 0A ÷ 0.5A add 3 dgt to the accuracy

## 2. GENERAL SPECIFICATIONS

### Display:

- LCD, 3 ¾ digits with maximum reading 4000 counts + decimal point

### Function:

- Data HOLD

### Measuring rate:

- 2.5 times per second.

### Low battery indicator:

The "BAT" appears at display

### Operating temperature:

- $0^{\circ}C \div 40^{\circ}C$ ,  $<80\% RH$

### Storage temperature:

- $-10^{\circ}C \div 50^{\circ}C$ ,  $<70\%RH$

### General informations:

- Altitude max of use: 2000m
- Pollution degree: 2
- Insulation: double insulation
- Max. diameter conductor : 27 mm

### Power supply:

- 1 x 3V disk battery type CR2032
- Auto Power OFF function after 12 minutes of idleness

### Dimension:

- 150 (H) x 52 (W) x 24 (L) mm

### Weight:

- 110g (battery included)

### Reference guidelines:

- Safety IEC/EN 61010-1, IEC/EN61010-2-32, CAT III 300V
- EMC: IEC/EN61326-1

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