2DIN AC Digital Ammeter

ENGLISH

Powering the instrument, all segments of display and "over range" Led light-on for few seconds (led test).

MEASURING PAGE

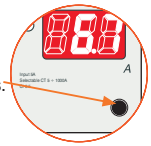
TRMS value AC+DC

RMS value (AC+DC)
The value that appears when button is released, is the TRUE RMS component defined as:

$$VALrms = \sqrt{(AC)^2 + (DC)^2}$$

Measure without +/- symbol.
Decimal point is present if the selected "ct" (see configuartion menu) is higher than 100A.
Values less than 100A are showed without decimal point.

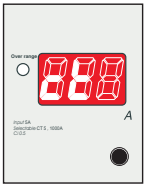
CONFIGURATION SELECTION MENU



Maintaining pressure on the front button more than 2 seconds, the CONFIGURATION PAGE appears.

Releasing the button, all display flashes quikly informing that you are in the configuration phase.

After 4 seconds about, all page with configurable parameters start to be displayed; one every 4 seconds about, showing the actual selected value.
If you want to see (without any modification) a value of a parameter, press shortly once the button when the needed page is in front of you.
To change the value, press again the button within 4 seconds if released before, or maintain pressure on it until the numbers start to change.
To fast forward, maintain pressure on the frontal button and when the needed value is displayed, release it.
The modified value is automatically saved.

PARAMETER	POSSIBLE VALUES	DISPLAY
END SCALE VALUE CURRENT TRANSFORMER (ct) It is possible to select the CT ratio .../5, equal to the end scale value equivalent to the maximum input signal (5A) Values higher than 100 automatically show the decimal point	Values between 5 and 999 (1000) 5A each step **DEFAULT value = 500**	
AVERAGE It is the number (n) of sigle measures effected on the electrical parameter before it's visualisation on display. Practically it is the filter of measure stabilisation. Numberings rise up from 1 to 255; Higher is the selected (n) value, slowest is the reading variation. It is recommended to select high values for high end scale(ct) values. $MEASURE = \frac{\sum_{1}^{n} Measure\ (n)}{n}$	Values between 1 and 255 **DEFAULT value = 30**	
RMS ZEROING This is a number that permits to zeroing the display . Display = VALrms-OFS It can be used only when, in absence of signal input, the RMS (AC+DC) value showed is different from the expected. A negative VALrms value, is forced to zero until the input signal become higher than 0.	**DEFAULT value = 0**