

AC DIGITAL AMMETER MULTIRANGE

USER MANUAL



The AC digital ammeter multirange triple, DH3EM3 can adjust the value of the displays to the value of the current transformer and select the secondary of the CT.; 1 A or 5 A, through the frontal keys.

■ DISPLAY:

Type: 4 LEDs in red colour
Size: 14,3 mm (96x48 and 96x96 mm)
10,2 mm (72x72 and 72x36 mm)
Max. reading: 9999

■ AUXILIARY SUPPLY

AC Voltage: 110, 230, 400 V +/- 20%.
DC Voltage: 12, 24 V +/- 20%.
Universal: 45...275 V AC/DC.
Burden: <3 VA

■ INPUTS:

Inputs: x/1 A o x/5 A
Measuring range: 1...9999 A
Max. overload: 140% In (overload indication HHHH)

■ **ACCURACY** 0,5% FS +/-2 digits

■ SAFETY REQUIREMENTS

- We recommend to use fuses for protection in the Aux. Supply, max 1 A.
- Do not open the instrument, dangerous voltage can be found inside.
- Preventive maintenance is not required.
- Connect the meter only through a C.T., never directly to the network.
- Room temperature, maximum 50°C.

■ SETTING

Pressing "Set" for approximately 2 seconds, you access to its programming where it will appear **PRr** flashing.

Pressing again "Set" will flash the first digit of the second display where it starts its setting.

It consists of 3 main parts.

X = The display that you want to program and Y = The parameter:

1. Decimal point selection. Y=1

You can choose between dP-0, dP-1, dP-2 and dP-3 being dP-0 without decimal point and dP-3, with decimal point in the third digit, E.g: 9.999.

2. Range selection Primary of the CT.. Y=2

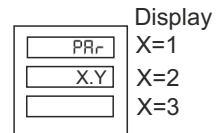
You can select between 0001 and 9999 using the keys ▲ ▼

3. Selection of secondary of the CT. Y=3

You can choose between 2 values using the keys ▲ ▼

50 to select secondary of 1 A.

250 to select secondary of 5 A.



As an example, if in the second display appears "3.2" (X.Y), it means we are about to program the primary of the CT. (Y=2) of the display situated on the bottom (X=3).

Key ◀ is used to go back to the step before of the programming mode.

Keys ▲ ▼ are used to modify the values that are flashing.

Key "Set" is used to confirm and go to the next step of the programming mode.

Once programming mode is finished, use the key ◀ to come to measuring mode.

■ DIMENSIONS (mm)

MODEL	FRONT	HOLE	DEEP
DH3EM3	96x96	91x91	88