

# DAM – A - 48

DIGITAL  
UNIVERSAL  
AMMETER

TRUE RMS

with Demand



### Technical Data

Operational Voltage (Un)	: 230Vac
Operating range	: (0,8-1,1) x Un
Frequency	: 50 / 60 Hz
Power Consumption	: < 4VA
Measurement Sensitivity	: %1 +1 digit
Current Transformer Ratio	: 5/5.....10000/5 A
Display	: 4 Digits Led Display
Protection Class	: IP 20
Terminal Protection Class	: IP 00
Operation Temperature	: - 5 °C .... + 50 °C
Operation Humidity	: %15 ..... %95 (without consensation)
Installation	: to the panel tap
Dimensions	: 48x96x50 mm)

### General Informations

The device can be used in electrical panels, laboratories and test devices. With the assistance of a current transformer, it measures the AC current passing through the system in terms of Amper unite.

- The current transformer ratio can be adjusted between 5/5 and 10000/5 using the touch buttons on the front panel of the device.
- Stores the maximum demand value and the peak value on its memory and keeps these values even if the energy supply goes off.

### Button Functions:

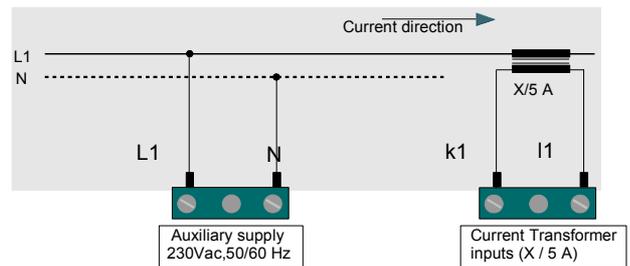
Using the direction buttons, it is possible to go through the menu up and down. "SET" message will appear on the screen if the set button pressed. To set one of the parameters set button must be pressed again in order to enter that menu. The first parameter that can be set in the set menu is transformer's primer current value, that would flash on the screen with the message "CtrF" while setting. Pressing the set button and the direction buttons can increase and decrease this value " between 5 and 10000". after reaching the required value set button should be pressed to store this value on the device. After that pressing the down button leads to the demand time setting with dd-t flashing on the screen.

To make an adjustment, set button must be pushed. With the direction buttons the value can be adjusted "between 10 and 60 minutes". After reaching the required value pressing set button would store this value. Next what would appear in the SET menu pressing the down direction button is qUit. Pressing the set button would exit the set menu.

The next menu after set menu is Clr, " can be reached by pressing down button". To clear the maximum demand and the peak value set button must be pressed. After the Clr menu qUit show appear. Pressing set there would return the screen to the measurement screen.

While in measurement screen, pressing the up direction button shows the maximum peak current value occurred since the last operation done, pressing the down direction button shows the maximum demand occurred since last Clr operation done.

### Connection Scheme:



### Warning !!!

- The message Err1 or Err2 on the screen means that the device has got a failure
- Can not be used without current transformer, a current that is higher than 5 A passing through the measurement inputs may damage the device.
- To clean the device use dry dustcloth after de-energizing the device

