

# Panel Meters Quick Start Guide

## Application

This device is designed for installation in electronic circuits and is used for the electrical measurements.

## Unit setup and operation



- Connect the device to the system observing its rating values.
- If it is possible install the battery in the device.
- Watch the input signal value.
- Overrange is indicated by the appropriate symbol being shown on the display. When you see this symbol remove the cause of the overrange. If it is possible, select a higher range, and if you work at the highest range already, immediately stop the measurement.
- To replace the battery open the battery cover by unscrewing the fixing screws, loosening the latch or pressing the lever in the battery compartment, replace the battery, close the cover.

## Precautions

- Never exceed maximum input values for all functions.
- Do not apply voltage higher than the rated voltage, specified and marked on the unit between terminals or between the terminal and the earth.
- Use appropriate terminals, functions, and ranges for selected measurement.
- Do not attempt current measurement if current value exceeds the current rating of the fuse.
- Before changing the measurement function, disconnect the test leads from the measurement circuit.
- Do not use the device if it is damaged. Before using the device, inspect the housing. Check if it has no cracks or broken off pieces. Carefully check the insulation surrounding the connectors.
- Make sure the battery cover is closed and latched before operating the unit.
- Do not use the device if it works incorrectly. Protection may be impaired. If you are unsure whether the device is working correctly, take it to the service.
- When you make the electrical connections, first connect the black test lead before connecting the red test lead, when disconnecting first disconnect the red test lead and then black test lead.
- Use caution when working with voltages above 30 V AC rms, 42 V AC peak and 60 V DC. These voltages can cause electric shock.
- Before starting the measurements check if insulation of test leads and probes is not damaged and there is no exposed metal.
- Damaged test leads should be replaced by new one.
- Before opening the battery compartment cover remove the test leads from the device, if it is possible.
- Replace the battery with a new one or charge the battery if the display shows the battery low indicator.
- Never use the device in explosive environments, if it is not designed to work in such conditions.