Digital Voltage Protector

5. Operation Manual

The **V-Protector** DIN model should be connected as shown on the scheme. The **V-Protector** plug and socket model: first connect the **V-Protector** to the main voltage after setting up the device (if needed) then you can connect the load to the **V-Protector**. If the voltage supply becomes more then the setting **high** limit, or when the voltage supply becomes less then the **low** limit, the voltage value will flashing on the display. If the mains voltage is normal, but the load has not been connected yet, the display will show fluctuations mains voltage or rest time to turn on the load. If the load is connected, the indicator will display the mains voltage.

When you push the ▼ button, the device will display the **low shutdown limit**, the indication is going to be flashing fast, in this mode, you can increase the low limit value using the ▲ button, and you can reduce it using the ▼ button. The configuration interval setting is 1 Volt.

The device will display the **upper shutdown limit** when you push the ▲ button, the indication will be flashing fast, in this mode, you can increase the upper limit value using the button, and you can reduce it using the ▼ button. The configuration interval setting is 1 Volt.

If you don't push the ▼+▲ buttons within 3 seconds the device returns to main mode.

When both of the buttons are pushed at one time, the device will display the **turn-on delay** value, and the indication will be flashing fast. The delay time displayed in seconds. In this mode, you can increase the delay time pushing the ▲ button, and you can reduce the delay time pushing the ▼ button. The delay configuration interval time is 5 seconds.

The device exits the delay configuration mode in three seconds after pushing any button, and it will be switched to the minimum and maximum voltage value and number of shutdowns indication mode for the period since the last reset of the values. first the indicator will display LLL characters, then the minimum voltage for the past period, and then HHH characters followed by the maximum voltage for the past period. Then the device will display Err characters followed by the number of shutdowns (alarm conditions) for the past period, and then the device will switch to the voltmeter mode. If you press the ▼ or ▲ buttons when the minimum and maximum values or number of shutdowns are displayed, the indicator will display EEE characters, minimum and maximum voltages and number of shutdowns for the past period are erased from the memory, and registration starts over from the current moment.

The changed settings will be stored in the non-volatile memory of the device.

6. Manufacturer's Guarantee

The manufacturer guarantees the device operation if the user complies with the transportation, storage, assemblage and operation requirements.

The warranty period is six months from the date of sale.

The guaranteed shelf life is 12 months.

In case the device becomes inoperable during the warranty period, the buyer is entitled for free repairs of the device. For this purpose, the user needs to return the device to the point of sale.

The manufacturer reserves the right to terminate the guarantee in the following cases:

Broken seals

The user attempts to repair the device on his own

The user violates the operation instructions

Mechanical damages

Ingress of any foreign objects, liquids or insects into the device

In case of termination of the guarantee, the device can be repaired on a paid basis, and the warranty period is not renewed or extended.

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