

# INTIEL

## THE ELECTRONICS ON YOUR SIDE

### FRIDGE PROTECTION

#### User's Manual



#### I. Application

It protects single-phase refrigerators, air conditioners and other consumers from high or low voltage in the mains voltage, as well as from electric shocks / short-term failure of the mains voltage /.

#### II. Operation

The protection constantly measures the voltage in the mains. If it is in the range 195 to 253V, it switch on voltage to the consumer. If the voltage is below 194V, it interrupts its supply to the consumer, the indication changes between the measured value and **LO**.

If the voltage is above 255V, it interrupts its supply to the consumer, the indication changes between the measured value and **HI**.

In the event of a mains voltage failure of more than 100 ms and its restoration, the protection waits for **3 minutes** in the switch off state with flashing indication and then switch on it to the consumer.

The waiting time of **3 minutes** also applies when the supply voltage is initially applied to the device.

The value of the mains voltage is indicated by a digital voltmeter.

#### III. Technical data

Supply voltage:	180 up to 260V / AC / 50-60Hz
Maximal rated current:	16A / 250V / AC / 50-60Hz
Outputs:	relay
Digital display:	Three positional
Measurement precision:	1°C
Humidity:	0-80%
Protection:	IP20



### Safety instructions:

- Check the integrity of the unit before installation.
- In case of damaged do not install until the malfunction has been corrected.
- Installation and dismantling of the unit must be carried out by a person who has previously read the product manual.
- To be installed in a dry and ventilated place, away from heat sources and flammable gases, liquids.
- Make sure that the mains voltage matches the voltage on the rating plate of the unit.
- Use power consumers that match the power output of the appliance.
- В случай на неизправна работа на устройството изключете незабавно уреда и потърсете оторизиран сервис за отстраняване на повредата.
- В случай на пожар да се използва прахов пожарогасител.
- In the event of a malfunction of the appliance, switch off the appliance immediately and seek authorized service for repair
- In case of fire, use a fire extinguisher.
- For environmental reasons, do not throw away electrical appliances, appliances and their packaging marked with a sign.

crossed out trash  with household waste.

### Contents of the pack:

- Controller (Fridge Protection) – 1 pcs.
- User's manual (Warranty card) – 1 pcs.

## IV. Warranty

The warranty period is 24 months following the purchase date of the unit or its installation by an authorized Engineering Company, but not exceeding 28 months after the production date. The warranty is extended to the malfunctions that occur during the warranty period and are result of the production reasons or defective used parts.

The warranty does not relate to malfunctions corresponding to not-qualified installation, activities directed to the product body interference, not regular storage or transport.

*The repairs during the warranty period can be done after correct filling of the manufacturer warranty card*