

REAL-EL

USER'S MANUAL



SURGE PROTECTOR

BLITZ

Congratulations on purchasing the TM REAL-EL surge protector!

Please read this User's Manual before using the unit and retain this User's Manual in a safe place for future reference.

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PACKAGE CONTENTS

- Surge protector – 1 pc
- User's manual – 1 pc
- Warranty card – 1 pc

PURPOSE

REAL-EL BLITZ surge protector is designed to protect household appliances and computers. The device falls in surge protective devices of the limiting type.

SPECIAL FEATURES

- Lightning discharge protection
- Filter protective elements prevent the destructive effect of the lightning discharge to an electrical appliance connected to it.
- Protection against impulse interference in the mains
- Built-in thermal protection
- Visual indication of the protection status and the mains
- Ground contacts
- Protecting shutters
- Shockproof flame-retardant case

DESIGN DESCRIPTION

- 1 The mains status indicator
- 2 Protection status indicator
- 3 Ground contacts
- 4 Protecting shutters
- 5 Plug

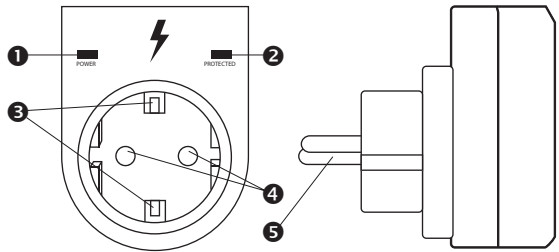



Fig. 1

PREPARATION AND OPERATION

- Connect the surge protector to 230 V mains.
- Connect required electrical appliance to the surge protector socket. The load must not exceed 3.6 kW.
- If the mains and filter protection circuit are in normal condition, indicators 1 and 2 are active.

SAFETY PRECAUTIONS

- Do not connect simultaneously the load to the surge protector with total power more than 3.6 kW.
- It is not recommended to connect the surge protector to the nonsinusoidal voltage sources: UPS, DC-AC inverters etc.

- It is recommended to connect the surge protector to a grounded socket.
- If the protection status indicator  is out of order, the surge protector should be replaced for a new one.
- When signs of failure are found (for example, the output voltage absence in a socket), mechanical damages, high temperature of the item or the odor, the item must be disconnected from the wall socket immediately and you should address to a service center.
- Do not open and never attempt to repair the item by yourself, it should be repaired by qualified persons only.

TECHNICAL SPECIFICATIONS

Parameters and measurement unit	Value
Voltage, V	~230
Frequency, Hz	50
Maximum load, A	16
Maximum impulse current, A	6000
Maximum dissipated energy, J	2 × 125
Thermal protection, °C	115
Output socket type	1 × CEE 7/3

Notes:

- **Technical specifications given in this table are supplemental information and cannot give occasion to claims.**
- **Technical specifications and package contents are subject to change without notice due to improvement of TM REAL-EL production.**



Model: **BLITZ**

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