

 **REAL-EL**

**USER'S MANUAL**



**SURGE PROTECTOR  
with USB Charger**

**RS-5F CHARGE 4**

***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

**APPLICATION**

The **RS-5F CHARGE 4** surge protector with the built-in USB charger is designed for connection of electrical appliances to the electrical network and their protection against high-voltage surge pulses and permanent filtration of high-frequency noises.

**FEATURES**

- Intelligent fast charge
- Built-in surge protection
- 4 USB ports for charging
- Power switch with LED
- Resettable fuse does not require replacement
- Grounded sockets with protection shutters
- Power contacts of socket made from phosphor bronze
- Pure copper cable without alloys

**SAFETY PRECAUTIONS**

- Do not connect the surge protector to the electrical network with over-rating voltage.
- Do not connect the load to the surge protector with the total power, which exceeds the power indicated in specifications of this device.
- Do not use the surge protector in places with possible ingress of liquid, moisture, dust and high temperature exposure.
- Do not open and do not make any repairs by yourself.
- Connect the surge protector to the grounded electrical network.

**CONNECTION**

- Connect equipment to surge protector sockets.
- Connect the surge protector to 230 V electrical network, turn on the master switch, LED will light.
- If required connect a device to be charged to one of USB ports.

**OPERATION**

- Do not overload the surge protector by connection of several powerful devices.
- On operation of the automatic fuse due to the overload, turn on the surge protector once more in 5-10 minutes after reduction of the total connected load to a permissible limit. For this purpose, press the on/off button on the fuse.

- If high-voltage impulses or intolerable high voltage occurs at the surge protector input, the built-in emergency protection can disconnect the surge protector completely. The surge protector operation with the partial or complete resource loss of the surge protector components is intolerable.

### TECHNICAL SPECIFICATIONS

Parameters and measurement unit	Value
Input voltage (max), V	~250
Operating frequency, Hz	50
Total power of connected load, kW	≤ 3.68
Maximum energy absorption of pulse interference, J	200
Maximum load current, A	16
Input plug type	CEE 7/7
Output socket type	5 × CEE 7/3
USB charger output voltage	5 V ± 5 %
Maximum output current of USB charger, mAh	6,000
Cable size	3 × 1.5 mm <sup>2</sup>
Cable length, m	3
Dimensions, mm	82 × 40 × 245

#### 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: **RS-5F CHARGE 4**

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