

Surge protector

USER'S MANUAL

Congratulations on the purchase of TM SVEN surge protector!

Surge protector is designed for connection of electrical appliances to the electric mains and their protection from high-voltage pulses of surge and permanent filtration of high-frequency noises.

FEATURES OF FORT/FORT PRO SURGE PROTECTOR

- LED indication of protection serviceability (OK) and the ground line availability.
- Built-in voltmeter (FORT PRO model).
- Common and individual double-pole switches.
- The classic «Varistor triangle» layout suppresses high-voltage pulses, high-frequency noises and induced pulse currents from effect of atmospheric discharges, etc.
- Automatic fuse (thermobimetallic renewable circuit-breaker) for power cut on overloads and short circuits.
- Non-flammable shockproof ABS-plastic case provides high fire safety level.

SAFETY PRECAUTIONS

- Do not connect the surge protector to power mains with overrating voltage.
- Do not connect simultaneously the load to the surge protector with total power more than 2200 W.
- Do not install in places with possible ingress of liquid, moisture, dust and high temperature exposure.
- Do not open and do not make any repairs by yourself.
- It is recommended to connect the surge protector to the grounded power mains.

CONNECTION

1. Connect consumer devices to surge protector sockets.
2. Connect the surge protector to 220 V power mains, turn the main switch on.
3. The red LED voltage indicator (emergency protection serviceability) and the green indicator of the ground line availability will light.
4. Turn on required loading with an individual switch.
5. Every switch has «on» position lighting.

OPERATION

1. Do not overload the surge protector with connection of several powerful devices.
2. On operation of automatic fuse at overload trip, restart the surge protector in 5-10 minutes after the total connected load decrease. For restarting push «On» button on the fuse.
3. When high-voltage pulses or excess voltage arise on the surge protector input, the built-in emergency protection can disconnect the surge protector entirely (red LED indicator will go out). The surge protector use after partial or complete loss of resource by filter components is prohibited.

TECHNICAL SPECIFICATIONS

Rated voltage, V / operating frequency, Hz	~220/50
Rated power, W	2200
Thermoelectric cut-off fuse operating current, A	>10
Line protection against effects of high-voltage pulses	«Phase – zero»/«Phase – ground»/«Zero – ground»
Maximum energy of pulse interference, J	1050 (3 × 350)
Pulse interference current, which a limiter can withstand, (8/20 ms), A	OPERATION MODE – 6500 PROTECTION MODE – 10000
Interference suppression on frequencies 1-100, MHz, dB	up to 35
Input plug	CEE 7/7
Number of FORT/FORT PRO output sockets	5 × CEE 7/4 / 6 × CEE 7/4
FORT/FORT PRO case dimensions, mm	122 × 54 × 295 / 120 × 47 × 275
Cable length, m	1,8; 5

Note. Technical specifications given in this table are supplemental information and cannot give occasion to claims. TM SVEN production is improved constantly, therefore Technical Specifications are subject to change without prior notice.



Модели: **Fort/Fort Pro**

Импортер в России: ООО «СКАНДИТРЕЛ»,
111024, РФ, г. Москва, ул. Авиамоторная, д. 65, стр. 1.
Уполномоченная организация в России: ООО «РТ-Ф»,
105082, г. Москва, ул. Фридриха Энгельса, д. 75, стр. 5.

Условия гарантийного обслуживания смотрите
в гарантийном талоне или на сайте **www.sven.fi**

Гарантийный срок: 12 мес.

Срок службы: 2 года.

Производитель: «СВЕН ПТЕ. Лимитед»,
176 Джу Чиат Роуд, № 02-02, Сингапур, 427447.

Произведено под контролем «Свен Скандинавия
Лимитед», 48310, Финляндия, Котка,
Котolahdentie, 15. Сделано в Китае.

Manufacturer: SVEN PTE. LTD, 176 Joo Chiat Road,
№ 02-02, Singapore, 427447. Produced under the
control of Oy Sven Scandinavia Ltd. 15, Kotolahdentie,
Kotka, Finland, 48310. Made in China.