

# PFS 6 Master TFR



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# User's instruction

The **PFS 6 Master TFR** was designed to give the highest degree of protection against overloads, voltage peaks, electromagnetic interference (EMI) and radio frequency interference (RFI). It is provided with an ingenious "Master/Slave" energy saving function.

It protects your computers, peripherals and hi-fi equipment against damage caused by voltage peaks, lightning, network parasites and overloads. It also protects your phone /fax/modem equipment. A reset circuit breaker protects against overloads and blowouts.

## Insurance terms and conditions

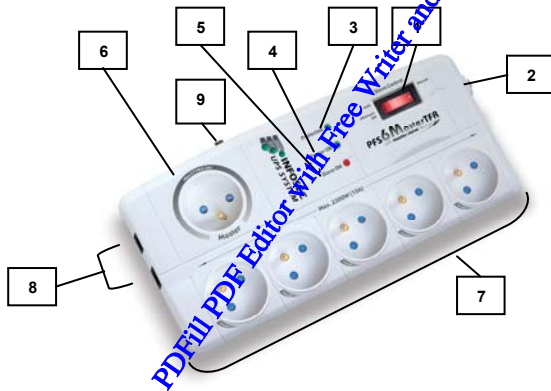


See terms and conditions and register on the web site: [www.infosec.fr](http://www.infosec.fr)

## Security

Please read all these instructions before installing the **PFS 6 Master TFR**. It must be installed only inside a protected location in which the temperature and humidity do not exceed the limits defined in the technical characteristics section.

## Description



NB: Please refer to numbers 1 to 9 in next paragraph.

## Installation

Plug the **PFS 6 Master TFR** into a connector with earth (2P+E – 10 A).

Check that the « Protected » and « Power ok » lights are on. Put the switch into the « manual » or « auto » position depending on your choice.

### 1. Mains switch

You can use the switch to select automatic "master/slave" mode or "manual" mode to switch on the six power outlets. In "master/slave" mode, connect the main equipment (for example computer) to the "master" power outlet and the peripheral equipment to the other "slave" connectors ; the on or off state of your main equipment will automatically activate ( "slave ON" LED is on) or deactivate ( "slave ON" LED is off) the power supply to the slave power outlets. In manual mode, all power outlets are powered and the "slave ON" and "power OK" LEDs are turned on.

## **WARNING:**

⇒ The internal clock in some hi-fi equipment can be deactivated if the equipment is connected to a "slave" power outlet.

### **2. Overload protection**

When the consumption of connected equipment exceeds the authorized value, the temperature switch opens to protect the **PFS 6 Master TFR**.  
To put it back into service, reduce the power and reset the circuit breaker.

### **3. Active surge protection indicator: "Protected"**

Green LED "Protected" turns on : the protection is effective.  
Green LED "Protected" is off: the protection is not effective.

### **4. Electrical power supply indicator: "Power OK"**

Green LED "Power OK" turns on : the PFS 6 Master TFR is powered.  
Green LED "Power OK" is off : the PFS 6 Master TFR is not powered.

### **5. Electrical power supply indicator for "slave" power outlets: "Slave ON"**

Red LED "Slave ON" turns on : slave power outlets are powered.  
Red LED "Slave ON" is off : slave power outlets are not powered.

### **6. "Master" power outlets**

In "master/slave" mode, the master power outlets must be used to connect the main equipment that will control the power supply of equipment connected to the slave power outlets. In "manual" mode, the large spacing between power outlets facilitates the connection of a transformer.

### **7. "Slave" power outlets**

Slave power outlets are used to connect peripheral equipment such as a printer, monitor, scanner, modem, removable disks, CD Rom, etc. In "master/slave" mode, these power outlets will only be powered if the main equipment connected to the « master » power outlet is itself powered.

### **8. Fax and Modem protection**

The **PFS 6 Master TFR** is equipped with protection against overvoltages on the telephone /fax/modem line (2 RJ 11- 6P4C). Connect the line input to the "IN" connector and use the cable supplied to connect the "OUT" connector to the telephone /fax /modem.

### **9. Adjustment of the switching limit (potentiometer)**



If your computer, when switched on the "master" plug, is in standby function, the slave plugs might remain fed after the switching off of your computer.

In that case, when the computer is off, increase little by little the value of the potentiometer until one gets back to the master/slave function.

If there is a problem, do not disassemble the **PFS 6 Master TFR**, there are no repairable parts inside it.  
Please, call the hot line.

## Technical specifications

GENERAL SPECIFICATIONS	
1 protected outlet "Master" with child-proof safety shutters	
5 protected outlets "Slave" with child-proof safety shutters	
10A resettable circuit breaker	
Durable fire prevention plastic housing	
Dimensions (hwxwd) (mm) : 255 x 115 x 40	
Weight : 700 g	
Cable length : 1,8 meters	
French type outlets	
Conform with the CE standard	
Lifetime warranty	
ELECTRICAL SPECIFICATIONS	
Nominal voltage	200 - 250 VAC
Clamping voltage	800 Volts
Maximum Power	"Master" power outlet : 575 Watts / 2.5 A
	"Slave" power outlets : 2300 Watts / 10 A
Surge energy rating	918 Joules (H-N, H-G, N-G)
Peak current 8/20 µs	12 000 A (12 000 A x 3 lines)
Response time	< 1 nanosecond
EMI/RFI FILTER	
Frequency range	150 kHz ~ 100 MHz
Attenuation	40 dB
LIGHT INDICATORS	
Green "Protected"	Protection device active
Green "Power OK"	PFS 6 Master TFR outlet powered
Red "Slave ON"	"Slave" power outlets powered
PHONE - FAX - MODEM -xDSL PROTECTION	
Jacks	2 RJ11 (6P4C)
Peak voltage	395 Volts
Maximum surge energy	160 Joules
ENVIRONMENT	
Temperature	0° to 40° Celsius
Relative humidity	0° to 95 % relative humidity

