



## 1. Introduction

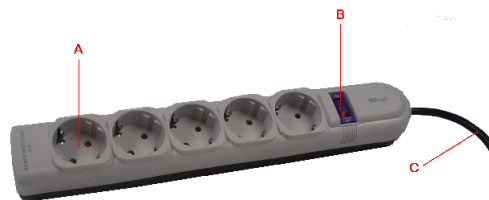
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## 2. Use

The Power Protector 510 is equipped with a childproof multiple socket. The power is only accessible if both poles of the plug are inserted into the Power Protector 510 at the same time.

The following points should be observed when using the Power Protector 510.

1. Do not use this device near water.
2. Extremely high voltages can cause this device to malfunction, although the safety of any devices connected to it will still be guaranteed. Do not try to repair the Power Protector 510 if it malfunctions.
3. Do not use this device when:
  - a) The cable or plug is damaged.
  - b) Fluid has entered the device.
  - c) The case has been damaged.
4. Only connect this device to an earthed plug socket. The functionality may be effected if it is connected to a plug socket that is not earthed.
5. Connecting heavy equipment, such as an electrical heater, will activate the safety device. This may damage the device.



**Figure 1: Trust Power Protector 510**

- a) Plug socket
- b) Main switch with indicator
- c) Mains lead with plug

Trust Power Protector 510

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**NOTE:** *Under extreme circumstances, such as massive exposure to a direct lightning strike, this device will not offer sufficient protection against prevent damage.*

### 3. Specifications

Maximum direct current	10 A (protected)
Maximum operating voltage	240 V AC
Safety voltage	330 V
Maximum peak voltage	6000 V (once)
Reaction time	< 1 nS
Maximum surge energy	270 J
Thermal cut-out	Overload safety device with automatic fuse
Indicators	Main switch on
EMI / RFI filter	100 KHz - 100 MHz 52 dB
Cable length	180 cm