

Surge protection

Protection Box

High performance / low cost protection for expensive or delicate equipment

The Protection Box multi-way block with surge protection is a simple, low cost solution for protecting delicate equipment such as:

- Computers, peripherals and multimedia
- TV, Video and Hi-Fi equipment: Home cinema, DVD writers, digital decoders, etc.
- Broadband modems (Internet and TV)
- IP telephony
- Household goods, etc.



Effective surge protection

The Protection Box is designed to filter the power supply for delicate equipment to protect it against surges, interference and the indirect effects of lightning.

The high performance of the Protection Box is based on an advanced design with surge protection in compliance with IEC 61643-1.

Complete protection

The Protection Box range has models with 1, 5 or 8 sockets. Some models also provide protection for telephone connections that can carry surges to the equipment.

- Tel@ models: with telephone / broadband Internet access protection
- Tel@ + TV models: with telephone / broadband Internet access protection + Audio/Video protection module (surge protection for television and FM radio with TV and F-Type connectors)

Practical and economical: Replaceable surge protection module

(Protection Box 5 Tel@, 5 Tel@ + TV and 8 Tel@+TV)

The surge protective devices for these models are grouped into a pluggable module for:

- easy replacement if the surge protective devices are destroyed by a major surge (no need to disconnect the equipment and the pluggable unit is a MGE standard replacement part)
- can be updated (adding functions, changing connectors, etc.)

Free insurance

MGE offers insurance for the equipment connected (applicable for EU countries and Norway only). This insurance is included in the purchase price of the Protection Box and covers up to €50,000 for an 8 socket model to cover damage caused by a failure of the surge protection.

And lots of features to simplify life

- Power on and surge protection active indicators.
- Power Line Communications compatibility (Protection Box 5/8) for connecting PLC modems.
- Cable tidies and cable markers supplied (5 and 8 socket models).
- Sockets arranged to allow blocks to be stacked side by side.

Protection Box: 1 to 8 sockets, ideal for...



... high performance surge protection for delicate equipment in the home: home computing, HI-FI, video, TV.



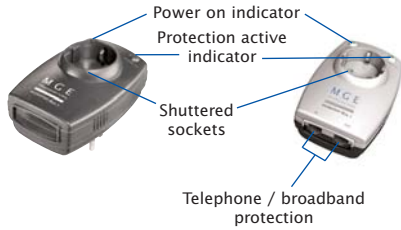
M G E

Office Protection Systems

An Eaton Brand

Surge protection - Protection Box

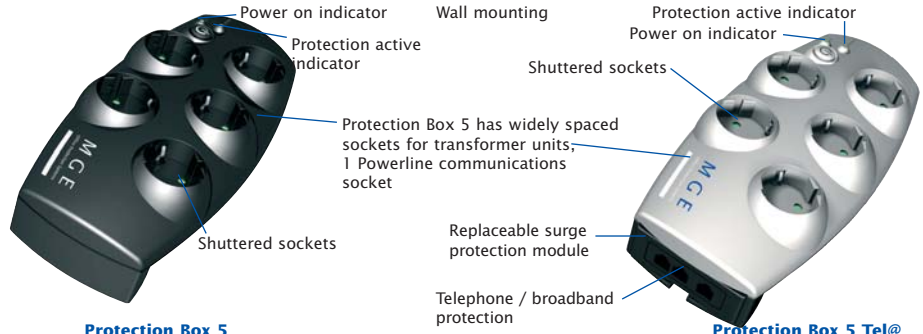
Protection Box 1



Protection Box 1

Protection Box 1 Tel@

Protection Box 5

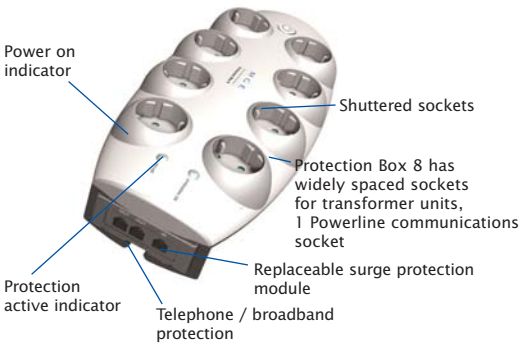


Protection Box 5

Protection Box 5 Tel@

Protection Box 8

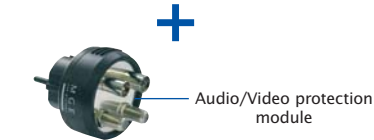
Wall mounting



Protection Box 5 Tel@+TV



Audio/Video protection module



Protection Box 8 Tel@+TV



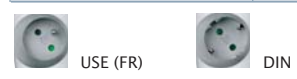
Sockets arranged to allow blocks to be stacked side by side; Cable tides and cable markers supplied.

Specifications

Protection Box	1	1 Tel@	5	5 Tel@	5 Tel@+TV	8 Tel@+TV
Nominal rating	16 A 3520 W	16 A 3520 W	10 A 2500 W	10 A 2500 W	10 A 2500 W	10 A 2500 W
Voltage/frequency	220/250 V - 50/60 Hz					
IEC 61643-1	✓	✓	✓	✓	✓	✓
PLC compatibility	-	-	✓	✓	✓	✓
Surge test conditions						
Surge test conditions for IEC 61643-1 with 8/20µs pulse	Uoc = 6,6 kV Up = 1,5 kV In = 2,5 kA Imax = 8 kA					
Protective devices						
Total rating	30 000 A 3 x MOV 10 000 A					
Response time	<1ns					
Total power absorbed	1110 Joules					
EMI/RFI filter						
52dB from 100kHz to 100MHz	-	✓	-	✓	✓	✓
Telephone and audio/video line protection						
RJ11/RJ45 telephone including broadband	-	10 000 A	-	10 000 A	10 000 A	10 000 A
Audio/Video line	-	-	-	-	10 000 A	10 000 A
Marking and standards						
Safety	IEC 60-950, NFC 61-303					
EMC	EN 55082-2, EN 55022 class B, EN 61000-4-4 level 4 IEC 61000-4-5 10kV					
Surge protection	IEC 61 643-1					
Dimensions and weight						
Dimensions H x W x D (mm)	70 x 105 x 67	70 x 105 x 67	65 x 255 x 120	65 x 260 x 120	65 x 260 x 120	65 x 315 x 150
Net weight	0,160 kg	0,210 kg	0,610 kg	0,770 kg	0,840 kg	0,850 kg

Part numbers

Protection Box	1	1 Tel@	5	5 Tel@	5 Tel@+TV	8 Tel@+TV
French sockets	66706	66707	66710	66711	66934	66935
"Schuko" sockets	66708	66709	66712	66713	66936	66937
FR & B sockets	-	-	66932	66933	66938	-



MGE PowerServices™

2 year guarantee
Failed unit replacement.

Replaceable surge limiter
Standard Exchange free of charge from MGE UPS SYSTEMS after-sales services.



MGE Office Protection Systems

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