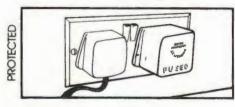
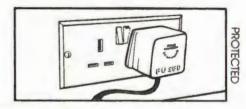


Safely eliminates dangerous voltage surges/spikes from domestic and professional appliances





WHY IS A PLUG THE IDEAL PLACE TO FIT SURGE PROTECTION?

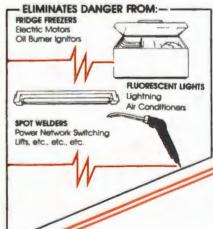
Transient overvoltages caused by lightning or switching surges travel in power cables at an approximate speed of 150 metres per microsecond.

The SURGE PROTECTOR PLUG operates in less than 100th of a microsecond, so this means that the optimum length of cable between plug and equipment being protected is 150 metres 1.5 metres

The residual energy that travels past the plug is easily dealt with by other low energy protection devices contained within the equipment.

CONSTRUCTION	Three-element Solid State Incorporated in 13 amp plug to B\$1363 construction.
MAX.VOLTAGE RATING	250 Volts RMS.
MAX.LOAD CURRENT	13 AMP - uses Standard Fuses.
MAX.SURGE CURRENT RATING	2000 Amps
RESPONSE TIME	Better than 10 Nano-seconds.
TOTAL ENERGY RATING	150 Joules.
PROTECTIVE MODE	All modes L-N,L-E,N-E.
POWER CONSUMPTION	Negligible.
PROTECTION LEVEL	All surges limited to less than 25 per cent of BS1363 withstand voltage levels.
FILTER FREQUENCY RESPONSE TYPICAL ATTENUATION	DC - 100MHZ
2KV-10MHZ	40 dB
INSTALLATION	Replaces standard 13 amp plug. Atematively, place in adjacent power socket and switch on.

REDUCES DAMAGE TO: MINI/MICRO COMPUTERS & VDU'S Erroneous data is produced when a surge occurs. HI-FI SYSTEMS Sound interference also reduced PRECISION INSTRUMENTATION Incorrect readings and costly breakdowns



- Wired and used as an ordinary plug.
- Suitable for normal domestic voltage (220/250V)
- No power consumed except when surge is present. Maintenance free.
- Operates Instantaneously. Resets automatically.
 - Made in Britain.
- 5 amp fuse supplied.
- Protects when not hard
- if an exceptionally severe surge occurs, the internal fuse of the SURGE PROTECTOR will safeguard your equipment.

over 38 years of high performance in the field of protection

All British Electricity Boards use Bowthorpe Surge Protection Equipment.

Bowthorpe

Bowthorpe EMP Ltd. Stevenson Road, Brighton, East Sussex BN2 2DF England Telephone: (0273) 692591

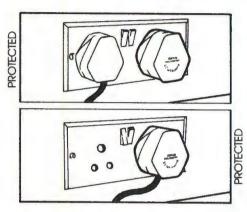
Telex: 87357

A member of the Bowthorpe Holdings PLC **Group of Companies**





Safely eliminates dangerous voltage surges/spikes from domestic and professional appliances



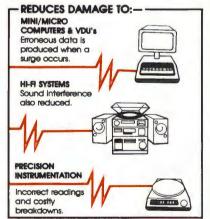
WHY IS A PLUG THE IDEAL PLACE TO FIT SURGE PROTECTION?

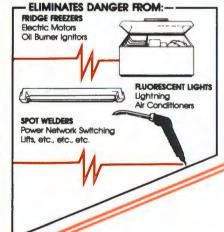
Transient overvoltages caused by lightning or switching surges travel in power cables at an approximate speed of 150 metres per microsecond.

The SURGE PROTECTOR PLUG operates in less than 100th of a microsecond, so this means that the optimum length of cable between plug and equipment being protected is 150 metres = 1.5 metres

The residual energy that travels past the plug is easily dealt with by other low energy protection devices contained within the equipment.

CONSTRUCTION	Three-element Solid State incorporated in 15 amp Plug to BS546A construction.
MAX. VOLTAGE RATING	250 Volts RMS.
MAX. LOAD CURRENT	15 Amps.
MAX. SURGE CURRENT RANGE	2000 Amps.
RESPONSE TIME	Better than 10 Nano-seconds.
TOTAL ENERGY RATING	150 Joules
PROTECTIVE MODE	All models L-N, L-E, N-E.
POWER CONSUMPTION	Negligible.
PROTECTION LEVEL	All surges limited to less than 25 per cent of BS1363 withstand voltage levels
FILTER FREQUENCY RESPONSE	DC - 100MHZ.
INSTALLATION	Replaces standard 15 amp Plug. Atternatively, place in adjacent power socket and switch on.





- Wired and used as an ordinary plug.
- Suitable for normal domestic voltage (220/250V)
- No power consumed except when surge is present.
- Operates instantaneously.
- Resets automatically.
- Protects when not hard wired.
- Maintenance free.

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