



- ◆ Suitable for use on 220/230/240 volts supplies.
- ◆ Available with British style (three square pin) plugs and sockets only.
- ◆ **NEW** switched outlet sockets with double-pole action.

Application

ESP Micro Conditioner (ESP MC) can be used to protect all sorts of plug-in equipment, including modems, fax machines and PCs.



ESP MC installed at floor level protecting a PC and monitor.

For wire-in applications, use the ESP 240-5A (or ESP 240-16A) for supplies up to 16 amps and the ESP 240 M1 for all other supplies.

Features and benefits

- ✓ Low let-through voltage between all sets of conductors.
- ✓ Inter-outlet protection ensures that transients caused by one device do not affect the others.
- ✓ Designed to provide repeated protection in lightning intense environments – 20 year predicted lifetime.
- ✓ Protects against radio frequency interference.
- ✓ Rugged, heavy duty construction.
- ✓ Convenient fixing holes for flat mounting to walls or workstation sides.
- ✓ Maintenance free.

Installation

Simply plug the ESP MC into the mains and your equipment into the ESP MC.

Electrical specification

	ESP MC
Nominal voltage (RMS)	220/230/240V
Working voltage (RMS)	260V maximum
Frequency range	40–60Hz
Current rating (supply)	13A
Leakage current (to earth)	<0.5mA
RFI insertion loss	Attenuation commences below 10kHz, exceeding 70dB at 3MHz (BS 613)

Transient specification

	ESP MC
Let-through voltage (all conductors)¹ 6kV 0.5µs 100kHz ring wave ² , 200A to: <i>IEEE C62.41-1991³ Location Category A3</i> <i>AS 1768-1991 Appendix B, Category A</i>	35V
6kV 1.2/50µs open circuit voltage, 500A short circuit current to: <i>BS 6651:1999 Appendix C, Category A-High</i> <i>UL1449 mains plug-in</i>	555V

1 The maximum transient voltage let-through the protector throughout the test (±5%), phase to neutral, phase to earth and neutral to earth.
 2 This let-through voltage represents a deviation from the applied mains voltage, present at the time of the test.
 3 Formerly IEEE 587 and ANSI C62.41.

Mechanical specification

	ESP MC
Temperature range	-25°C to +70°C
Connection type	Via British style three square pin plug and socket to BS 1363
Earth connection	Via plug and socket
Weight - unit	1.70kg
- packaged	1.75kg
Dimensions	