

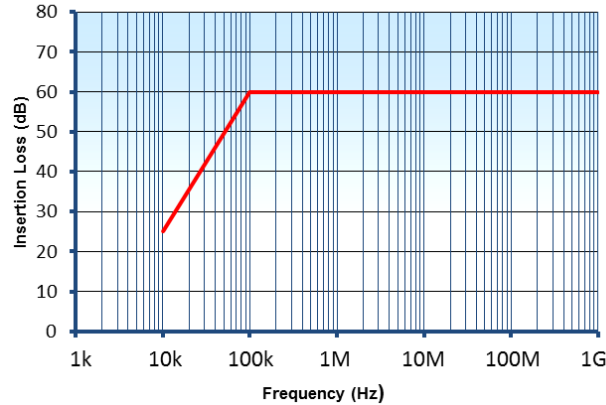


MPE Limited's range of TEMPEST pluggable filters has been designed for use within the most stringent TEMPEST applications, where compliance to SDIP-27 B/C is required. Utilising ultra-high speed feed through capacitors, all units deliver optimum performance across the full frequency range and under all loading conditions. The filter range has been designed to ensure fitting and electrical installation is as quick and simple as possible.

### DESCRIPTION

- TEMPEST EMI SP & N filter providing performance to SDIP-27 B/C
- Insertion loss of 60dB from 100kHz to 1GHz
- 6A & 13A BS1363 3 pin plug input & socket outlets
- 32A IEC 60309 'Commando' connector input & BS1363 socket outlets  
\*alternatively terminated filters (e.g. Powercon, Schuko, IEC etc.) are available upon request
- Designed to IT equipment safety standard EN 60950-1
- Fully 360° screened input cable to maintain red/black separation to filter
- Low Smoke Zero Halogen (LSZH) rated cabling for use in sensitive areas
- Self-healing metallised plastic film capacitors
- Rugged magnetic stainless steel enclosure
- Design of filter is downline tolerable to a personnel protection RCCD
- CE compliant
- Simple mechanical and electrical installation

### INSERTION LOSS



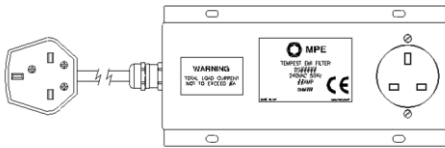
Typical Insertion Loss in 50Ω system with or without load

### STANDARD RANGE

	Single Outlet	Dual Outlet	Quad Outlet	In-Line
<b>6A</b>	DS30830	DS30831		DS30832
<b>13A</b>	DS30833	DS30834	DS30835	DS30836
<b>32A</b>		DS30837	DS30838	DS30839

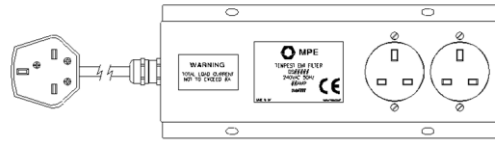


**SINGLE OUTLET**



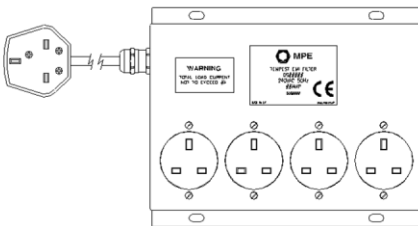
- 6A DS30830
- 13A DS30833

**DUAL OUTLET**



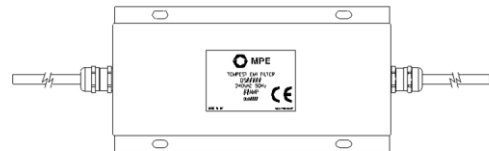
- 6A DS30831
  - 13A DS30834
  - 32A DS30837\*
- \*(commando connector as standard, other termination options available upon request)

**QUAD OUTLET**



- 13A DS30835
  - 32A DS30838\*
- \*(commando connector as standard, other termination options available upon request)

**IN-LINE**



- 6A DS30832 (unterminated)
  - 13A DS30836 (unterminated)
  - 32A DS30839 (unterminated)
- \*(termination options available upon request)

**RATINGS AND CHARACTERISTICS**

Rated Voltage	250V ac 50/60Hz
Test Voltage (line – earth)	2250V dc
Test Voltage (line – line)	1250V dc
Rated Current, I <sub>R</sub> at 50°C	6A, 13A, 32A
Earth Leakage Current:	Less than 3.5mA
Maximum Temperature Rise on Full Load	25°C
Operating Temperature Range	-25°C to 50°C
Insertion Loss (50Ω, asymmetric)	60dB from 100 kHz to 1GHz (see graph page 1)
Discharge Time	Less than 1s to below 34V
Enclosure	Stainless steel
Finish	Natural, brushed