



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

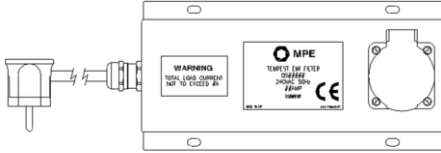
- TEMPEST EMI SP & N filter providing performance to SDIP-27 B/C
- Insertion loss of 60dB from 100kHz to 1GHz
- 6A & 16A CEE 7/4 Schuko pin plug input & socket outlets
- 32A IEC 60309 'Commando' connector input & CEE 7/4 Schuko socket outlets
- *alternatively terminated filters (e.g. 3 Pin BS1363, Powercon, 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

EUROPEAN RANGE

	Single Outlet	Dual Outlet	Quad Outlet	In-Line
6A	DS30830EU	DS30831EU		DS30832EU
16A	DS30833EU	DS30834EU	DS30835EU	DS30836EU
32A		DS30837EU	DS30838EU	DS30839



SINGLE OUTLET



- 6A** DS30830EU
- 16A** DS30833EU

DUAL OUTLET



- 6A** DS30831EU
- 16A** DS30834EU
- 32A** DS30837EU*

*(commando connector as standard, other termination options available upon request)

QUAD OUTLET



- 16A** DS30835EU
- 32A** DS30838EU*

*(commando connector as standard, other termination options available upon request)

IN-LINE



- 6A** DS30832EU (output unterminated)
- 16A** DS30836EU (output unterminated)
- 32A** DS30839 (output 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 _R at 50°C	6A, 16A, 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
Discharge Time	Less than 1s to below 34V
Enclosure	Stainless steel
Finish	Natural, brushed