



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

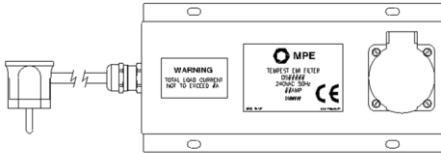
- TEMPEST EMI SP & N filter providing performance to SDIP-27 B/C
- Insertion loss of 60dB from 100kHz to 1GHz
- 6A & 16A CEE 7/4 Schuko pin plug input & socket outlets
- 32A IEC 60309 'Commando' connector input & CEE 7/4 Schuko socket outlets
*alternatively terminated filters (e.g. 3 Pin BS1363, Powercon, 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
- 6A and 16A designs of filter are downline tolerable to a personnel protection RCCD
- CE compliant
- Simple mechanical and electrical installation

KOREAN RANGE

| | Single Outlet | Dual Outlet | Quad Outlet | In-Line |
|------------|---------------|-------------|-------------|------------|
| 6A | DS30830ROK | DS30831ROK | | DS30832ROK |
| 16A | DS30833ROK | DS30834ROK | DS30835ROK | DS30836ROK |
| 32A | | DS30837ROK | DS30838ROK | DS30839ROK |



SINGLE OUTLET



- 6A** DS30830ROK
- 16A** DS30833ROK

DUAL OUTLET



- 6A** DS30831ROK
 - 16A** DS30834ROK
 - 32A** DS30837ROK*
- *(commando connector as standard, other termination options available upon request)

QUAD OUTLET



- 16A** DS30835ROK
 - 32A** DS30838ROK*
- *(commando connector as standard, other termination options available upon request)

IN-LINE



- 6A** DS30832ROK (output unterminated)
 - 16A** DS30836ROK (output unterminated)
 - 32A** DS30839ROK (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: | 6A & 16A less than 3.5mA, 32A less than 35mA |
| 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 |