



MPE
Quality, Reliability, Performance

Company Bulletin

for EMC, EMP & TEMPEST Protection

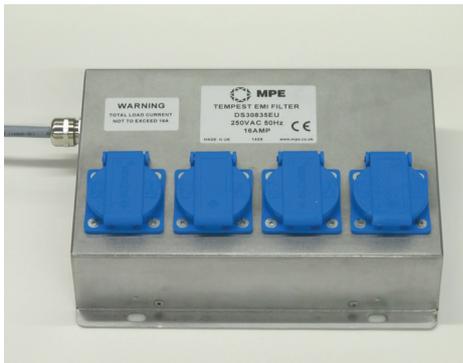
Issue 4



Now available from MPE – European variants of plug-in TEMPEST filters for your IT systems

MPE has now launched European variants to its range of convenient, plug-in TEMPEST filters in 1-, 2- and 4-socket and inline versions that protect your IT systems from covert interrogation.

To maximise information security, countermeasures for TEMPEST – often regarded as an acronym for “Transient ElectroMagnetic Pulse Emanation Standard” – are aimed at preventing eavesdropping on data radiated as signals via conducting lines (such as power, telephone or control line cables).



Fully compliant with NATO SDIP-27 Levels B and C, MPE's 250V AC, 50/60Hz, pluggable TEMPEST filters cater for 6A, 16A and 32A currents. MPE's new European TEMPEST filters are designed to the IT equipment safety standard EN 60950-1. Requiring no electrical contractors for their installation, these filters could therefore not be quicker, easier or simpler to deploy or move about to meet an immediate need, without permanent mounting of any sort.

The 6A and 16A models feature CEE 7/4 Schuko pin plug input & socket outlets. The 32A filter comes as standard with an IEC 60309 Commando connector input and CEE 7/4 Schuko socket outlets. Alternatively terminated filters, such as 3-pin BS 1363, IEC, Powercon, etc, are easily supplied upon request.



The units provide EMI suppression across the full frequency spectrum. Accordingly they meet the TEMPEST protection standards applied to individual pieces of equipment of 60dB insertion loss performance over frequencies from 100kHz to 1GHz.

What is more, the new units, in smart and durable stainless steel enclosures, are significantly smaller and lighter than traditional TEMPEST filters. All components are manufactured by MPE in Liverpool under an ISO 9001 quality regime. There has been a zero failure rate on the many hundreds of MPE TEMPEST filters currently in service around the world, so that complete reliability over long service is their hallmark.

Furthermore MPE has now also developed a range for South Korea, and units have been sold widely into both Turkey and Korea.

See the attached [datasheet](#) and [Installation and Maintenance Guide](#) for the new European pluggable TEMPEST range from MPE.

Download [here](#) the Product Overview for both the standard and European ranges of MPE's TEMPEST pluggable filters