



Product Specifications

SCPV – TEMPEST Pluggable Filter 32A PDU 10UK

Why choose this product?

Silicon CPV's 10 sockets, TEMPEST pluggable filter has been designed for use within stringent TEMPEST environments and applications, where protection compliant to SDIP-29 and equipment hardening to SDIP-27 is required.

The product uses ultra-reliable self-healing capacitors, in all units to deliver optimum performance across the full frequency range and under all loading conditions.



Product Description

TEMPEST EMI SP & N filter providing performance to SDIP-27 B/C
Insertion loss of 60dB from 100kHz to 1GHz

Built-in current and voltage meter

32A Commando plug input & 10 x BS1363 plug sockets

- Designed to IT equipment safety standard IEC 62368-1:2023
- 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
- High common & differential mode insertion loss
- Improved low frequency performance
- Powder coated aluminium enclosure
- 32A designed filters are tolerable for personnel protection RCCD
- UKCA - CE compliant - Input voltage range (90-275VAC)
- Simple mechanical and electrical installation
- Filters comply with basic requirements of the EMC directive 2014/30/EU



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Part Number

SCPVTEMPEST32A10S-5M

CP&F Part No: **SCPVTEMPEST32A10S-5M**

Product Description

10 x BS1363 Sockets, Maximum 32A Single Phase

230V Pluggable Tempest Filter

Rating and Characteristics

| | |
|---------------------------------|----------------------------------|
| Rated Voltage | 230V AC 50/60Hz |
| Test Voltage (line- earth) | 2250V DC |
| Test Voltage (line-Line) | 1250V DC |
| Rated Current @50°C | 32A |
| Earth Leakage Current | Less than 3.0mA |
| Max Temp Rise @Full Load | <35°C |
| Storage Temp Range | -25°C to 85°C |
| Operating Temp Range | 20°C to 50°C |
| Insertion Loss (50Ω Asymmetric) | 60dB, 100KHz - 1GHz |
| Discharge Time | Less than 1s to below 34V |
| Enclosure | Extruded Aluminium |
| Finish | Powder coated |

