



# Product Specifications

## SCPV – TEMPEST Pluggable Filter 16A 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**

#### **16A 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
- 16A 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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## SCPV – TEMPEST Pluggable Filter 16A PDU 10UK

### Part Number

SCPVTEMPEST16A10S-5M

CP&F Part No: **SCPVTEMPEST16A10S-5M**

### Product Description

10 x BS1363 Sockets, Maximum 16A Single Phase

230V Pluggable Tempest Filter

## Rating and Characteristics

Rated Voltage	<b>230V AC 50/60Hz</b>
Test Voltage (line- earth)	<b>2250V DC</b>
Test Voltage (line-Line)	<b>1250V DC</b>
Rated Current @50°C	<b>16A</b>
Earth Leakage Current	<b>Less than 3.0mA</b>
Max Temp Rise @Full Load	<b>&lt;35°C</b>
Storage Temp Range	<b>-25°C to 85°C</b>
Operating Temp Range	<b>20°C to 50°C</b>
Insertion Loss (50Ω Asymmetric)	<b>60dB, 100KHz - 1GHz</b>
Discharge Time	<b>Less than 1s to below 34V</b>
Enclosure	<b>Extruded Aluminium</b>
Finish	<b>Powder coated</b>

