

Product Specifications

SCPV – TEMPEST Pluggable Filter 16A PDU 12UK

Why choose this product?

Silicon CPV's 12 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

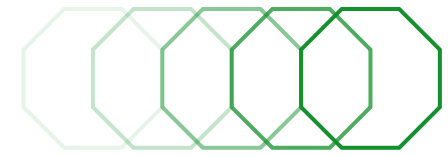
TEMPEST EMI SP & N filter providing performance to SDIP-27 B/C
Insertion loss of 60dB from 100kHz to 1GHz

Built-in current and voltage meter

16A Commando plug input & 12 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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Part Number

SCPVTEMPEST16A12S-5M

CP&F Part No: **SCPVTEMPEST16A12S-5M**

Product Description

12 x BS1363 Sockets, Maximum 16A 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	16A
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

