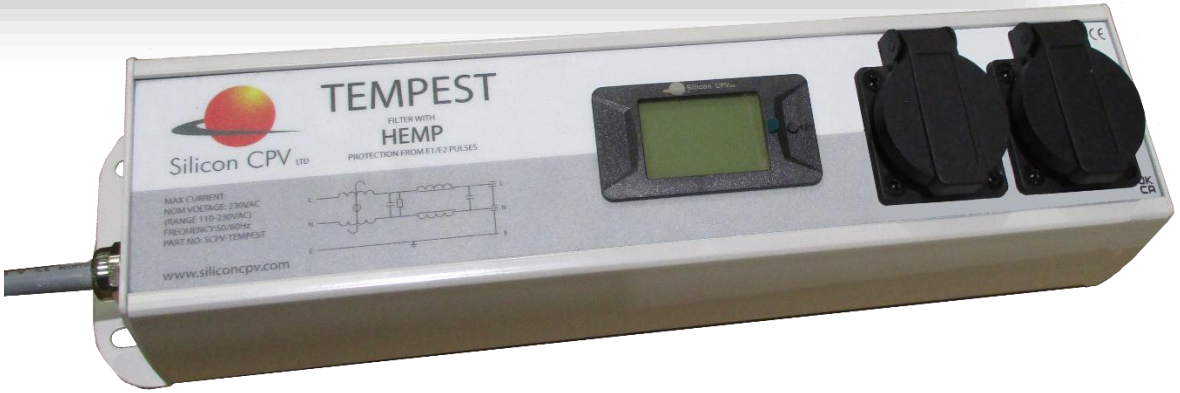
Product Specifications

SCPV – TEMPEST Pluggable Filter 32A2S HEMP

Why choose this product?

Silicon CPV's 2 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
32A 2m, 3 core flex cable for input & 2 x BS1363 sockets
HEMP protection E1/ E2 pulses
Built-in current and voltage meter
Designed to IT equipment safety standard IEC 62368-1:2023
Fully 360º 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	Product Description
SCPVTEMPEST32A2SH	2 x BS1363 Sockets, Maximum 32A Single Phase
CP&F Part No: SCPVTEMPEST32A2SH	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**