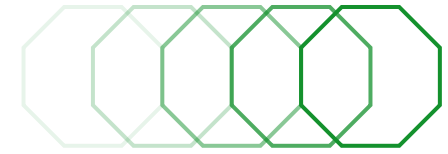


TEMPEST FILTER



Pluggable 1 Socket 10A (Australian)

Silicon CPV's 1 socket, 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

10A 3 Pin IP20 Australian plug input & 1 x Australian round cover, 10A, 250V, IP44 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

10A designed filters are tolerable for personnel protection RCCD

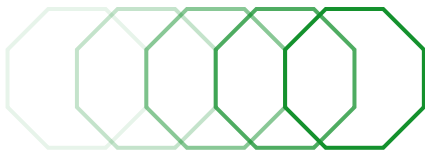
UKCA - CE compliant - Input voltage range (90-275VAC)

Simple mechanical and electrical installation

Filters comply with basic requirements of the EMC directive 2014/30/EU



TEMPEST FILTER



Pluggable 1 Socket 10A (Australian)

Part Number	Product Description
SCPVTEMPEST10A1SAU	1 x Australian Sockets, Maximum 10A Single Phase
CP&F Part No: SCPVTEMPEST10A1SAU	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	10A
Earth Leakage Current	Less than 3.0mA
Max Temp Rise @Full Load	<35°C
Storage Temp Range	-30°C to +85°C
Operating Temp Range	-20°C to +50°C -35°C to +85°C for 20 minutes
Insertion Loss (50Ω Asymmetric)	60dB, 100KHz - 1GHz
Discharge Time	Less than 1s to below 34V
Enclosure	Extruded Aluminium
Finish	Powder coated

