



Product Specifications

SCPV – TEMPEST Inline Filter 32AIL

Why choose this product?

Silicon CPV's inline, TEMPEST 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

2m, 3 core flex cable for input / output connectivity

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





Product Specifications

SCPV – TEMPEST Inline Filter 32AIL

Part Number

SCPVTEMPEST32AIL

CP&F Part No: **SCPVTEMPEST32AIL**

Product Description

Maximum 32A Single Phase

230V Inline 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

