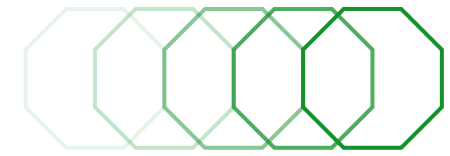


TEMPEST FILTER



Power Distribution Box 14 Socket 16A

Silicon CPV's 14 UK sockets, TEMPEST Power Distribution Box 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

16A Commando input & output IP66

13A 14 x BS1363 sockets IP66

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

Automatic Pressure Equalization Valve

Watertight, crushproof dustproof and easy open double throw latches

Strong polyurethane wheels with stainless steel bearings and fold down handles



TEMPEST FILTER

Power Distribution Box 14 Socket 16A

Part Number	Product Description
SCPV16A14SIP66	14 x BS1363, 1 x Commando Sockets, Maximum 32A Single Phase
CP&F Part No: SCPV16A14SIP66	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	-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	Watertight, crushproof, and dustproof
Finish	Open cell core with solid wall design
IP rating	66

