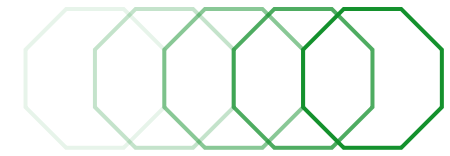


# TEMPEST FILTER



## Pluggable 2 Socket 10A (Australian)

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

**10A 3 Pin IP20 Australian plug input & 2 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

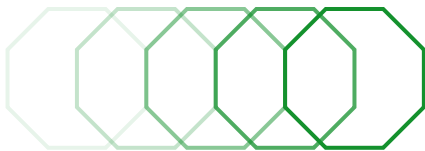
UKCA - CE compliant - Input voltage range (90-275VAC)

Simple mechanical and electrical installation

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



# TEMPEST FILTER



## Pluggable 2 Socket 10A (Australian)

| Part Number                             | Product Description                              |
|-----------------------------------------|--------------------------------------------------|
| SCPVTEMPEST10A2SAU                      | 2 x Australian Sockets, Maximum 10A Single Phase |
| CP&F Part No: <b>SCPVTEMPEST10A2SAU</b> | 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<br>-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                                   |

