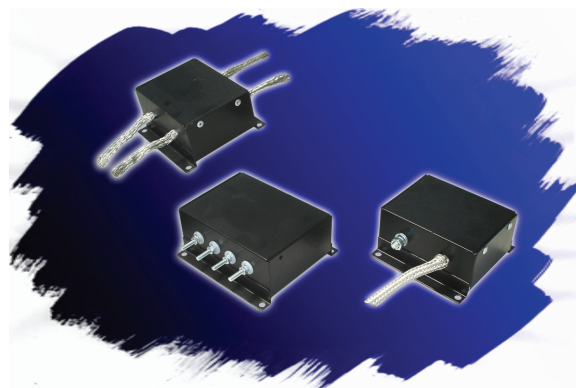


Military Vehicle Air Conditioning Range

Current Ratings: **1-100** AMPS.

Operating Voltage: 12, 24, 28 and 48VDC



The MVAC series of vehicle air conditioning EMI/RFI filters are designed specifically for military vehicle applications that have to comply with the rigorous requirements of Def Stan: 59-41 and Mil Stan 461/462. High attenuation on both common and differential modes allows for high performance filtration especially at the low frequency end of the spectrum. Polypropylene capacitors are used for high pulse power handling at high frequencies.

The filter components are housed in compact chassis mounted enclosures, and encapsulated in a polyurethane potting compound to give excellent protection against shock and vibration, thus making it ideal for ruggedised requirements.

TYPICAL APPLICATIONS

- Shielded enclosures
- IT installation
- Computer rooms
- Banks
- Military installations

TECHNICAL ADVANTAGES

- High current capability - Micro size
- High common & differential mode insertion loss
- Improved low frequency performance
- Optional input transient suppression to suit application

COMMERCIAL ADVANTAGES

- Assists compliance with the EMC directive
- State of the art technology ensures superior performance
- Competitively priced
- Compact size - Reduced weight - Cost effective component

STANDARDS

The MVAC ranges of filters are built in accordance with the relevant BS, VDE, UL, CE & CSA safety standards.

All Total EMC Products Ltd filters & power supplies are designed to meet the latest requirements for Health and Safety, Particularly EN 60939-2-2005

This range is specifically designed to assist DC equipment to meet European and International Emission standards. eg. EN55011, EN55014, EN55022 and EN61000. Military Def Stans 59/41, 59/411.

REGULATIONS

All electronic equipment that is commissioned into military service must comply with the relevant Defence Standards.

In addition to the standard range of filters & power supplies, Total EMC Products specialize in the design and manufacture of filters to suit your specific requirements. Due to continuous development Total EMC Products Ltd reserve the right to amend any information contained within this datasheet without prior notice.

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