

Military Vehicle Air Conditioning Filters

Current Ratings: **5 AMPS.**
Operating Voltage: 12V or 24V DC

This exciting new range of air conditioning magnetic clutch filters have been developed to overcome the inherent rfi and transients produced by magnetic clutches. The filters have a unique circuit arrangement that allows the magnetic clutch to be turned on without a large current spike and when the magnetic clutch disengages the back EMF is circulated and dissipated. The filter has to be electrically and physically mounted very close to the magnetic clutch so radiated emissions are kept to a minimum. The filters make magnetic clutches meet Military Standards, and its construction has been designed to meet the most rigorous conditions. With many variants obtainable depending upon voltage and size of magnetic clutch, higher attenuation grades etc. Connectors can be specified to order.



TYPICAL APPLICATIONS

- Air conditioning units
- Magnetic Clutches
- Alternators

TECHNICAL ADVANTAGES

- Compact size
- cast construction
- High Power levels
- screened construction

COMMERCIAL ADVANTAGES

- Reduced volume
- Reduced weight
- Cost effective



Technical Specifications

STANDARDS

This range of filtration products 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 BS EN 60950

The Military range is was specifically designed to assist equipment in gaining compliance with EMC Defence standards such as 59/41 & Mil STD. 461/462.

REGULATIONS

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

