

Multi-Output Military IEC Filters

Current Ratings: **3, 6 AMPS.**

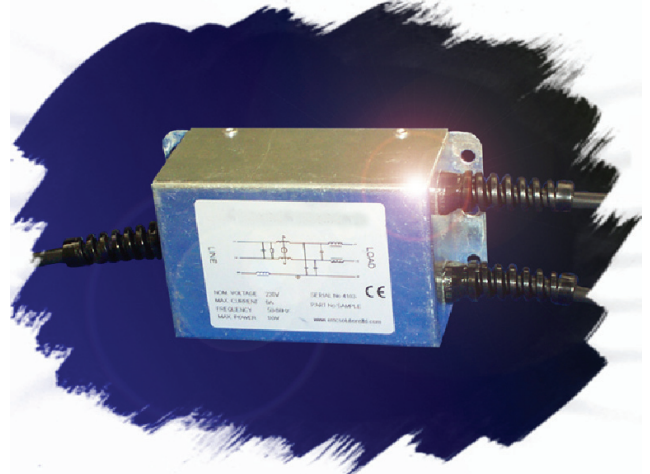
Operating Voltage: Single Phase – 115 - 230V A.C.

Our new Military Range of IEC Filters is an innovative development and has been designed to ensure Defence Standard compliance for various equipment applications in particular for IT. Its physical compactness along with its outstanding performance in attenuation of unwanted interference makes this range unique. The In-line design allows ease of application and installation including retro fitting.

The MIEC filter series is a multiple stage device with effective attenuation characteristics at very low frequencies, which is not normally a requirement in commercial products. Transient protection is built-in to these products to assist with susceptibility test. The housing is plated mild steel and the filter is encapsulated within this surround.

This allows the unit to be securely mounted on its base and that disconnection is not made via vibration or shock.

This filter is available in two different case sizes and various current ratings from 1A through to 10A. This makes it a very compact multi-application unit providing the ultimate attenuation package



TYPICAL APPLICATIONS

- IT equipment
- Power supplies
- Laptop computers
- Uninterruptible power supplies

TECHNICAL ADVANTAGES

- Compact dimensions
- High attenuation characteristics
- Transient protection
- In line device



COMMERCIAL ADVANTAGES

- Reduced volume
- Reduced weight
- Cost effective

Technical Specifications

Current (Amps)	No of Lines	Operating Voltage @ 50-60Hz	Max AC Volt Drop @ Full Load	Earth Leakage mA	Inductance Per Line (Typical) mH	Transient Energy Absorption (Typical)	Storage Temp Range	Temp Rise @ Full Load	Termination Type	Dimensions								
										A	B	C	D	E	F	G	H	J
6	2	115 - 230V	<2V/Line	4	8	75J Optional	-25 ~ +85°C	<40°C	IEC Flying Leads	118	70	50	107	128	45	500	300	2 MTR
3 (fused)																1.5 MTR	1.5 MTR	1.5 MTR

STANDARDS

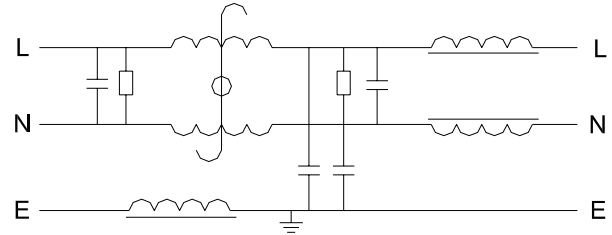
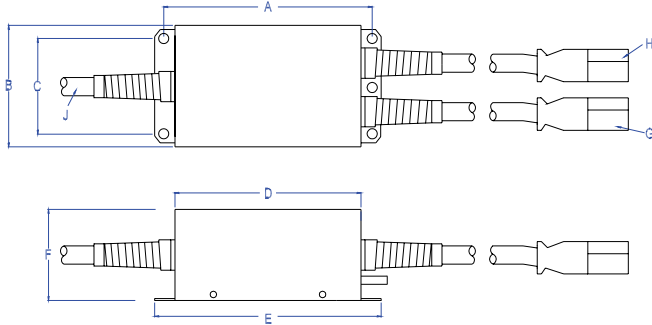
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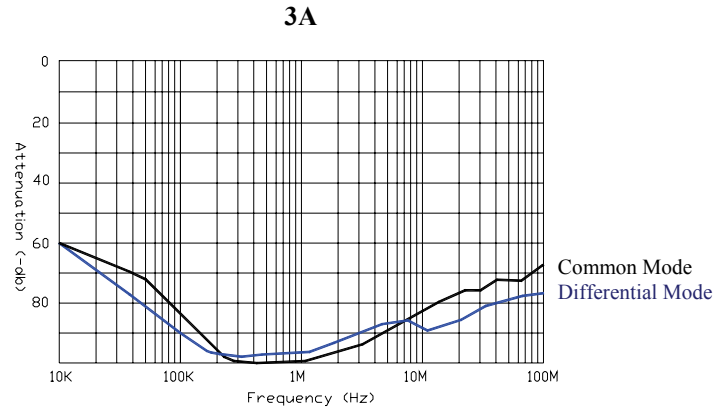
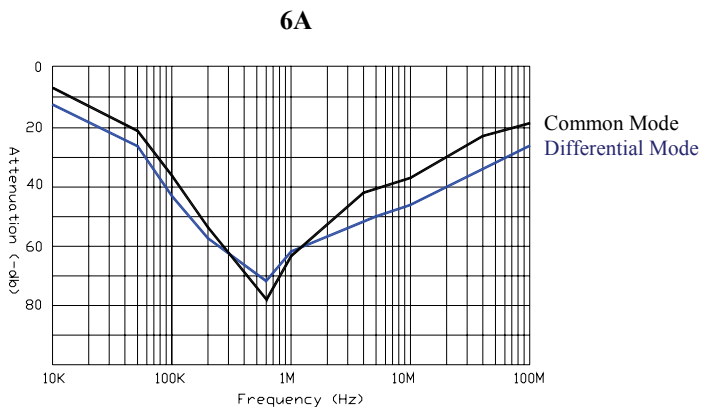
REGULATIONS

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

Dimensional Data & Schematic



Performance characteristics insertion loss curves



Part number / Ordering information

MIEC/006/2/2/*

MIEC = Range of filter

No of Lines on filter (2)

***** = Options (listed below)

006 = Amp Rating of filter

2 = No of Stages on filter

Options: F = Fused, - = neither (no options)

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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