

We are proud to introduce our advanced range of power line filters, specifically designed to meet the stringent demands of protected server rooms and sensitive electronic environments.

EMI filter

These filters stand out for their ease of integration into power line systems and their outstanding cost efficiency. With high-current single or twin terminals for input and output connections, they ensure reliable performance and effortless installation.



LogicGears

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AF4x160ALL

Wide Application Versatility: Functions as both a two-phase and four-line three-phase mains filter, meeting EMC standard requirements for electrical and electronic equipment. Handles up to 160A per line at AC 110–400V in industrial environments.

Compact Design: Features a small footprint with extremely low power dissipation of 2W, compliant with electrical safety standards at minimal leakage current.

Durable & Reliable: Operates effectively across a temperature range of -25°C to $+85^{\circ}\text{C}$.

AF4x160AR

High Attenuation Performance: Delivers 60dB attenuation from 100 kHz to 6 GHz, operating at AC 110–400V with 5W power dissipation. Ideal for server rooms with electromagnetic shielding.

Optimized Design: Supports simple connections using 1.8–16 mm² wires and single or twin 80A terminals.

AF4x490AR

High Power Capability: Supports 4x245A per line with 60dB attenuation from 100 kHz to 6 GHz and 8W power dissipation. Achieves 100dB attenuation up to 40 GHz.

Streamlined Installation: Equipped with MAA2095 terminals, allowing easy use of cables up to 95 mm².

AF4x640AR

Exceptional Load Capacity: Designed for 4x320A filtering with only 11W power dissipation, offering outstanding stability for critical infrastructure.

Robust Configuration: Features MAA2150 terminals to accommodate cables up to 150 mm².

**These EMI filters enhance power system reliability,
reduce electromagnetic interference, and ensure full compliance
with industry standards.**



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