

Mains EMI filter with IEC C14 input and fuse CW2A, 6A / 250VAC

Product codes:

Reference: AM3395

EAN13: -

UPC: 85044090



Product features:

Rated voltage: 115/250 V AC

Connector: Faston 6.3 mm

Frequency: 50-60 Hz

Operating temperature: -25°C - +85°C

Product attributes:

Max. current peak: 1 A, 3 A, 6 A, 10 A

Product description:

Single-phase mains EMI filter with integrated IEC socket (C14) and fuse protection is designed to suppress high-frequency interference at the power input of equipment. It is used as an input power module in a panel, where it simplifies the network connection and at the same time limits the propagation of interference between the network and the connected equipment.

Technical specifications

- Type: mains EMI filter with IEC input (IEC Socket Power Filter)
- Phase: single-phase
- Model: CW2A-XX-T
- Rated current: 1A, 3A, 6A, 10A (depending on variant)
- Rated AC voltage: 115/250VAC
- Rated network frequency: 50/60Hz
- Climate category: 25/085/21
- Operating temperature: -25 to +85 °C
- Construction: nickel-plated metal casing
- Mounting: in panel, mounting hole fixing

- Certification: CE, RoHS

Functions and features

- Integrated IEC C14 input for powering devices from the mains
- EMI/RFI filtering to suppress interference in common industrial and laboratory environments
- Fuse protection integrated in the module (“With a Fuse” version)
- Suitable for reducing interference in both common-mode and differential-mode modes (typical connection of network EMI filters)
- Panel design for quick integration into cabinets and devices

Ideal for

- Power inputs for measuring equipment and test equipment
- Industrial devices and control units with mains power supply
- Audio/video equipment and devices sensitive to interference
- Equipment requiring improved EMC performance on the mains lead

Package contents

- 1× mains EMI filter with IEC C14 input, version with fuse (CW2A-6A-T)

Why choose this product?

- Combines IEC mains input and EMI filtering in one panel module
- Integrated fuse simplifies input power protection design
- Metal shielded housing supports stable performance and emission control
- Standard panel mounting with mounting holes

Installation and operating instructions

- Install in a conductive (grounded) panel/cabinet for proper filtration and shielding function.
- Observe the correct connection of the terminals: input (LINE) from the network and output (LOAD) to the device.
- Connect the PE conductor to the protective earth of the device; proper earthing is essential for the effectiveness of the EMI filter.
- When selecting a fuse, use the appropriate type and value according to the requirements of your application and the supply protection.

Safety notice

- The product is designed to operate with a mains voltage of up to 250VAC. Improper installation may result in electric shock or fire.
 - Installation and connection may only be carried out by a qualified person with the power supply disconnected.
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- Ensure adequate shielding and strain relief for the supply wires according to the device design.

Product gallery:

