

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

Reference: AM3395  
EAN13: -  
HS code: 85044090



## Product attributes:

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

## Product features:

Rated voltage: 115/250 V AC  
Connector: Faston 6.3 mm  
Frequency: 50-60 Hz  
Operating temperature: -25 až +85 °C

## 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

- 1x 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.
- Ensure adequate shielding and strain relief for the supply wires according to the device design.

