

Mains input filter with IEC C14 and CW2C switch, double fuse, red switch, 250VAC

Reference: AM5466
EAN13: -
HS code: 85044090



Product attributes:

Max. current peak: 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:

Panel-mounted mains input module combining IEC C14 inlet, EMI filter and illuminated rocker switch. The CW2C-10A-T(F2) variant is intended for the power input of devices where interference suppression on the mains and integrated protection using a double fuse (F2) is required. The installation is designed for a mounting hole in the panel.

Technical specifications

- Model: CW2C
- Type: IEC Socket Type Power Filter (mains input EMI filter with IEC socket)
- Rated voltage: 115/250VAC
- Rated current: 3A, 6A, 10A (depending on variant)
- Switching: red with backlight
- Operating frequency: 50/60Hz
- Protection: double fuse protection (F2)
- Input type: IEC C14
- Connection: single-phase
- Leakage current: 0.5 mA
- Operating temperature: -25 to +85 °C
- Climate category: 25/085/21
- Material/design: housing with nickel-plated surface
- Dimensions (according to documents): 66 × 52 × 58 mm
- Certification (according to documents): CE, RoHS
- Mounting: mounting into the mounting hole in the panel

Functions and features

- Integrated EMI filter to reduce high-frequency interference at the device's power input
- IEC C14 input connector and rocker switch in one module
- Double fuse protection (F2) for power supply branch protection according to device design
- Suitable for standard mains applications 115/250VAC at 50/60Hz
- Panel mount for quick installation into equipment cabinet

Ideal for

- Power input for industrial and laboratory equipment
- Power input for measuring devices and control units
- Equipment requiring a combination of IEC power cord, switch, and mains EMI filter
- Service and production use in the design and assembly of power panels

Package contents

- 1× panel IEC input filter CW2C with on/off switch

Why choose this product?

- Compact integration of multiple functions (IEC C14 + switch + EMI filter + fuse protection) into one panel element
- Parameters suitable for common mains power supply 115/250VAC and current load up to 10A
- Panel mounting simplifies the design of the device's power input
- Listed certifications (CE, RoHS) according to available documents

Installation and operating instructions

- Install into the corresponding mounting hole in the panel and ensure mechanical stability according to the cabinet design.
- Observe the correct connection of the LINE (L), NEUTRAL (N) and PE conductors according to the marking on the module and according to the diagram of your device.
- Connect the output side (LOAD) to the powered circuit of the device; connect the input side to the mains supply.
- Select and install fuses according to the application requirements and design limits of the device.

Safety notice

- The product is designed to operate with a mains voltage of up to 250VAC. Improper installation may result in electric shock or damage to the device.
- Installation and connection must be carried out by a qualified person in accordance with applicable standards and regulations.
- Before any intervention, disconnect the device from the power supply and verify that there is no voltage.
- Ensure reliable connection of the PE protective conductor.

