

# Three-phase mains EMI filter CW6B, 380VAC

## Product codes:

Reference: AM7569

EAN13: -

UPC: 85044090

## Product features:

Current: 50 A

Rated voltage: 380/440 V AC

Frequency: 50-60 Hz

Operating temperature: -25°C - +85°C



## Product attributes:

Max. current peak: 50 A, 60 A, 70 A, 80 A, 85 A

## Product description:

SNXRON CW6B-50A-R is a three-phase mains EMI filter for 3-wire power systems. It is designed to suppress high-frequency interference on the power line between the source and the load. The design with terminal block connection and metal casing is suitable for installation in industrial equipment, switchboards and power branches with frequency converters, servo drives and other power electronics.

## Technical specifications

- Model: CW6B-50A-R
- Product type: 3-phase AC filter
- Configuration: 3-phase 3-wire
- Rated voltage: 380/440 VAC
- Rated current: 50 A, 60 A, 70 A, 80A, 85A (depending on variant)
- Operating frequency: 50/60 Hz
- Connection method: terminal block
- Mounting: fixing via mounting holes
- Operating temperature: -25 to 85 °C

- Climate category: 25/085/21
- Leakage current: 2.0 mA
- Dimensional version: 6B
- Dimensions: 226 ±2 mm × 110 ±1 mm × 80 ±1 mm
- Mounting hole diameter: 5 mm
- Shell: nickel-plated
- Certification: CE, RoHS

### **Functions and features**

- Electromagnetic interference filtering in three-phase power lines.
- Design for separating the input and output sides, marked LINE and LOAD.
- The diagram on the label and in the documentation shows the connection for a three-phase, 3-wire system with protective earthing.
- The metal cover supports mechanical resistance and proper grounding of the filter.
- The screw ground terminal is part of the design.
- The terminal block connection allows for the fixed connection of wires in a switchboard or device.

### **Ideal for**

- Industrial three-phase power systems.
- Frequency converters and servo drives.
- Switchboards and distribution cabinets.
- Power supply branches of devices sensitive to electromagnetic interference.
- Electronic and power devices in environments with increased occurrence of radio frequency interference.

### **Package contents**

- 1x EMI filter CW6B

### **Why choose this product?**

- Clearly intended for use in a three-phase, 3-wire network 380/440 VAC.
- The terminal block connection is suitable for fixed installation in electrical equipment.
- Basic electrical, mechanical and installation data are directly available.
- The design includes a separate grounding, which is essential for the proper functioning of the EMI filter.

### **Installation and operating instructions**

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- Install the filter between the power supply network and the protected device in accordance with the LINE and LOAD markings.
- Connect the protective conductor to the grounding point of the filter.
- Install on a solid surface using the mounting holes.
- Route input and output wires separately to reduce back-propagation of interference.
- The installation must comply with the electrical diagram shown on the product label.

### Safety notice

- The product is designed for three-phase power supply 380/440 VAC. Improper handling may result in electric shock.
- Installation and connection must be carried out by a person with appropriate electrical qualifications.
- The circuit must be de-energized before installation, maintenance, or disconnection of wires.
- Incorrect input, output, or grounding connections may result in reduced filtration efficiency, overheating, or damage to the device.
- Operate the filter only within the range of conditions specified for this model.

### Product gallery:

