

# Fan 100x100x33mm, 12V DC, IP20, BA10033B12U

Reference: AM1338  
EAN13: -  
HS code: 84145925



## Product attributes:

## Product features:

Current: 2,4 A  
Voltage: 12 V DC  
Power consumption: 28,8 W  
Waterproof grade: IP20  
Lifetime: 70,000 hours  
Bearings: Balls

## Product description:

BA10033B12U is an axial DC fan designed for forced cooling of electronics and power components in industrial equipment. Thanks to the double ball bearing design, it is suitable for long-term operation and applications where stable mechanical life is required.

## Technical specifications

- Model: BA10033B12U
- Rated power supply: DC 12V
- Current consumption: 2.40 A
- Dimensions: 97 × 97 × 33 mm
- Bearing type: double ball bearing
- Lifespan: 100,000 hours (at 25°C, 45-85% RH)
- Additional function: support for speed control function (speed function) - control method and interface not specified in the source documents

## Functions and features

- Maintenance-free design with double ball bearing
- Design focused on sufficient airflow and static pressure to cool closed cabinets and densely packed assemblies
- Suitable for continuous operation in typical industrial environments

## Ideal for

- Cooling of power supplies, converters, UPS and charging systems
- Switchboards, industrial control units and communication equipment
- Cooling of power modules, heat sinks and electronics cabinets with limited airflow

## Package contents

- 1x DC fan BA10033B12U

## Why choose this product?

- 12 V DC power supply suitable for common industrial and embedded applications
- Double ball bearing for stable operating characteristics and long-term use
- Compact size of 97 x 97 x 33 mm for integration into devices with limited space

## Installation and operating instructions

- Before installation, check the available DC 12 V power supply and the power reserve of the power supply (at least according to the fan consumption).
- Ensure correct airflow direction in the device and sufficient intake/exhaust openings.
- If you are using speed control, verify the compatibility of the control signal/controller with the specific fan design (the interface is not specified in the source documents).

## Safety notice

- The fan is a rotating device - during operation, provide mechanical protection against contact with the blades.
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- Before working on the wiring, disconnect the power supply and prevent accidental start-up.
- Observe the correct polarity of the DC 12 V power supply; incorrect connection may damage the fan or power supply.

