

250W/500W Rotary Fan Speed Controller

This fan speed controller is designed to regulate the speed of fans. It supports a power range of 250W to 500W, providing variable speed control.



Product Overview



Versatile Rotary Fan Speed Control

This rotary fan speed controller offers precise adjustment for residential and commercial ventilation systems, supporting a power range of 250VA to 500VA. Designed for both surface and flush wall mounting, it features a universal dimmer type with integrated electronic short-circuit and automatic overload protection. The unit is constructed from high-polymer PC reinforced with glass fiber, ensuring durability and high flame retardancy up to 850°C.

Technical Performance

Power Ratings

250 VA Min Rated Power	500 VA Max Rated Power
----------------------------------	----------------------------------

Electrical Specifications

Parameter	Value
Rated Voltage	220VAC
Network Frequency	50/60Hz
Dimmer Control	Rotary push
Dimmer Type	Universal

Load Compatibility

Supported Load Types

- High-pressure halogen lamp: 5-700W
- Incandescent lamp: 5-700W
- Low voltage halogen lamp (electronic transformer): 5-150VA
- LED lamp: 5-700W

Safety & Protection

Safety Systems

Electronic short-circuit protection, Automatic overload protection, Overheating protection, IP20 Protection, 850°C Flame Retardancy

Installation & Design

Physical Characteristics

Feature	Specification
Dimensions	86*86mm
Material	High polymer PC with glass fiber
Mounting	Surface or Flush wall mounted
Fixing Type	Concealed screws
Embedding Depth	35 mm
Wire Stripping Length	8 mm

Design Features

- Snap connection
- X-press On functionality
- Modular Fitting

Environmental Conditions

Operating Environment

Condition	Range
Ambient Air Temperature	0~45
Relative Humidity	5% to 95%

Compliance & Quality

International Standards

IEC/EN60669-2-1 • CE • CB • TUV • VDE • RoHS • SASO • GCC • ISO 9001 • ISO 14001