

WI-FAN-2

FAN MODULE



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Features

- Sonetnix WI-FN-2 fan controllers offer a wide range of speed levels for enhanced comfort. The FAN controller can be interfaced Using our Touch Keypads or interfaced with any 3rd party processor. 2 fans can be controlled from a single FAN controller module with 3A current rating per channel.
- As with other Sonetnix products, all S-NET commands are available to use and program the Device as per user needs thus extending its functionality.
- Third party automation modules or other Sonetnix modules are interfaced through RS-485 or High speed 2.4 GHz WI-Fi technology communication.

Other Features

- Channel FAN Controller, standard type @3A per channel
- Supports wide variety of Fans
- Stable and smooth performance
- Configurable Fan Speed time for each channel ,allows to create smooth dimming to any intensity
- Restores channel status upon power reset
- LEDs on the modules indicate communication to a Sonetnix network, input power to the module, and output power to the load.
- Status indication LEDS for each channel
- Easy installation with DIN rail mounting
- 0.96 inch OLED Display indicates the S-NET ID (default) or IP Address.
- individual Buttons to control the individual channel

Front Panel

Two Push button switches on the front panel provide three functionalities. One the (1) SETUP BUTTON SWITCH used to configure and set up the device. (A) WHEN DOUBLE TAP the SETUP BUTTON SWITCH it will change the device from wired to wireless mode and vice-versa.(B) WHEN LONG PRESS the SETUP BUTTON SWITCH for 5 sec it will erase all data stored in the device.(C) Single tap the setup button, user can read the ID or IP Address using 0.96 inch OLED Display. The other one (2) RESET SWITCH used reset the device.

S-NET

The WI-FN-2 communicates with a 3rd Party control system via the S-NET control network. A pair of S-NETports is provided on the WI-FN-2 for easy daisy-chaining of several DIN Rail Series automation control modules.

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ELECTRICAL SPECIFICATION

- **Operating Voltage** : 240VAC ,50/60Hz
- **Maximum Power Per Channel** : 600 W
- **Max Load Current per Channel** : 3 A
- **Operating Temperature** : 0 - 45 °c
- **Module Total current** : 6 A
- **S-NET Power Usage** : 1.56 Watt (0.13A @12Volts)

CONTROLS & INDICATIONS

- **PWR** : (1) Red LED illuminates when DC power is applied to the power port
- **COM** : (1) Yellow LED, indicates communication with the control processor
- **NW** : Bi-colour LED Red Indicates connection loses with router & Green indicates connection established.
- **CH1 - CH2** : (Blue) Channel status indication LEDs
- **Setup, Reset** : Miniature push button switches to configure and reset the device manually
- **Manual Switch (1-2)** : (2) Miniature push button switches to control the device manually
- **OLED Display** : (1) 0.96 inch display to monitor the Device ID or IP Address

CONNECTIONS

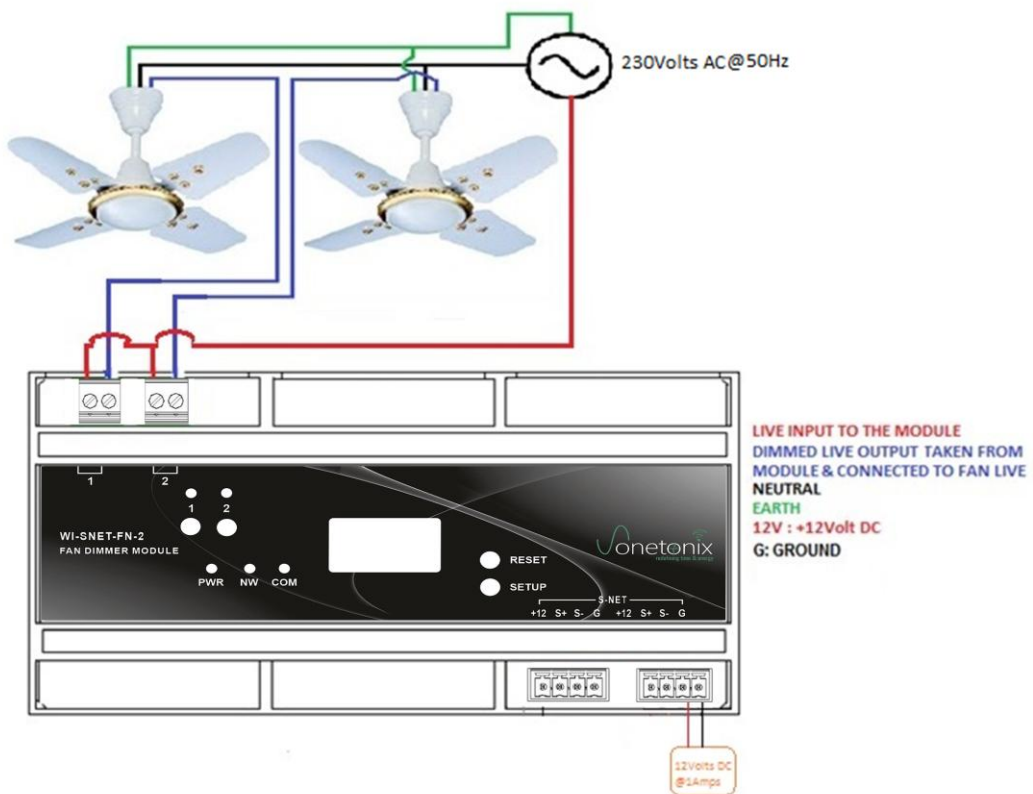
- **CHANNELS (1-2)** : (2) 2-pin 5.08 mm captive screw terminals (FN1 & FN2) with AC Live output @3A per channel
- **S-NET** : (2) 4-pin 3.81mm detachable terminal blocks for S-NET communication

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APPLICATION DIAGRAM



Height : 3.71 Inches.

Width : 6.26 Inches.

Depth : 2.35 Inches.

Weight : 369 Grams.