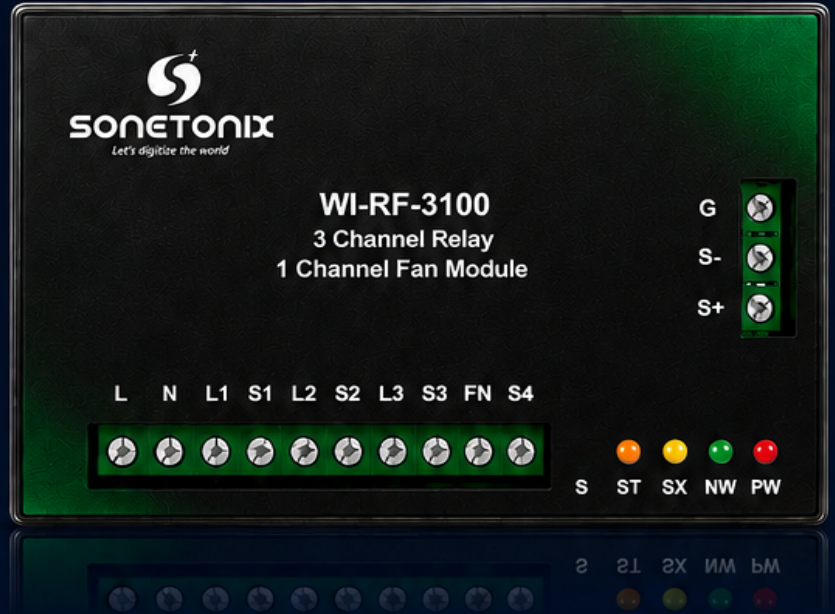


WI-RF-3100

3 CHANNEL RELAY 1 CHANNEL FAN MODULE

Reliable Switching. Versatile Control.

The Sonetnix WI-RF-3100 3 Channel Relay 1 Channel Fan Module is designed to switch high-power loads with ease and reliability. With 3 independent relay channels and 1 fan module supporting 5 speed control, it is ideal for home automation, industrial control, and smart system integration via Wi-Fi (2.4GHz) or RS-485 communication.



**HIGH POWER
RELAY 20A/CH**



**Wi-Fi (2.4GHz) &
RS-485 COMMUNICATION**



**3 CHANNEL RELAY
1 CHANNEL FAN CONTROL**



**EASY INSTALLATION
WALL MOUNTING**



PRODUCT OVERVIEW

Sonetnix WI-RF-3100 is a 3 channel relay 1 channel fan module built for high-power switching applications. It supports individual control of three high current loads and fan speed control (5 level) with your automation system via Wi-Fi (2.4GHz) or RS-485 protocol.



KEY FEATURES

- ✓ 3 Channel of switching & 1 Channel FAN Dimmer
- ✓ Anti-shock switching
- ✓ Compatible with traditional switches and capacitive switches
- ✓ Hassle free installation & No rewiring
- ✓ 5 Level Fan Speed Control
- ✓ OTA update support
- ✓ Optional RS-485 communication



APPLICATIONS



Lighting
Control



Fan Control



Home
Automation



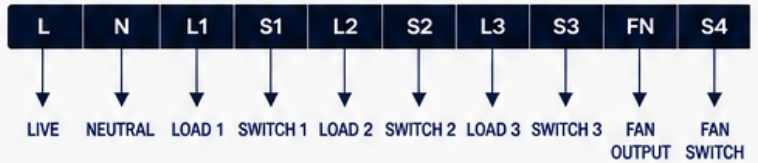
Industrial
Automation



DIMENSIONS & WEIGHT



WIRING DIAGRAM



L	: LIVE	S2	: SWITCH 2 INPUT
N	: NEUTRAL	L3	: LOAD 3
L1	: LOAD 1	S3	: SWITCH 3 INPUT
S1	: SWITCH 1 INPUT	FN	: FAN OUTPUT
L2	: LOAD 2	S4	: FAN SWITCH INPUT



TECHNICAL SPECIFICATION

Combination	1 Humming free fan, 3 Dimmable load, 0 Normal load, 0 Heavy load
Operating input voltage	100 - 240 VAC.
Supported frequency	50 - 60 Hz.
Communication protocol	Wi-Fi (2.4GHz) / RS-485
Max.load (per channel)	20A @ 250VAC (Resistive Load)
Wi-Fi signal strength min	≥ 50 %
Operating temperature	0°C - 45°C
Product size	125mm x 57mm x 25mm
Shockproof	No
Water resistance	No



INDICATIONS

S	Orange LED	(1) Orange LED - System Power / Standby
ST	Yellow LED	(1) Yellow LED - Wi-Fi Status
SX	Green LED	(1) Green LED - Communication Status (Wi-Fi / RS-485)
NW	Green LED	(1) Green LED - Normal Working Status
PW	Red LED	(1) Red LED - Power Input Status



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