

WI-RF-0002

2 CHANNEL HEAVY LOAD RELAY MODULE

Reliable Switching. Heavy Load Control.

The Sonetonix WI-RF-0002 Heavy Load Relay Module is designed to switch high-power loads with ease and reliability. With 2 independent relay channels supporting high current ratings, 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**



**2 CHANNEL HEAVY
LOAD CONTROL**



**EASY INSTALLATION
WALL MOUNTING**



PRODUCT OVERVIEW

Sonetonix WI-RF-0002 is a 2 channel heavy load relay module built for high-power switching applications. It supports individual control of two high current loads and communicates with your automation system via Wi-Fi (2.4GHz) or RS-485 protocol.



KEY FEATURES

- ✓ 2 Channel Heavy Load Relay @ 10A
- ✓ High Power Switching for Resistive Loads
- ✓ Supports 2 Channel Control
- ✓ Compatible with traditional switches and capacitive switches
- ✓ Hassle free installation & No rewiring
- ✓ Anti-shock switching
- ✓ Wi-Fi (2.4GHz) communication
- ✓ OTA update support
- ✓ Optional RS-485 communication
- ✓ Easy installation with wall mounting



APPLICATIONS



Lighting
Control



Water Heater
Control



HVAC
Control



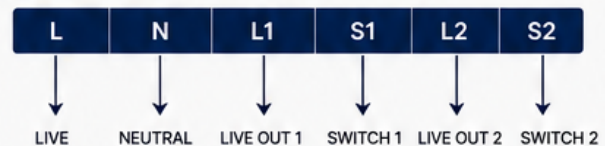
Pump / Motor
Control



Industrial
Automation



WIRING DIAGRAM



L : LIVE
N : NEUTRAL
L1 : LIVE OUTPUT 1
S1 : SWITCH 1 INPUT
L2 : LIVE OUTPUT 2
S2 : SWITCH 2 INPUT



TECHNICAL SPECIFICATION

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	85mm x 57mm x 25mm
Shockproof	No
Water resistance	No



INDICATIONS

PWR		(1) Red LED illuminates when DC power is applied to the power port
NW		(1) Green LED blinking @ 1 sec indicates normal working condition of the Device
ST		(1) Yellow LED, indicates communication with the control processor
SX		(1) Yellow LED, indicates communication with the control processor



DIMENSIONS & WEIGHT



Length : 85mm | Width : 57mm | Height : 25mm | Weight : 120 Grams



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