

WI-RL-8

8 CHANNEL RELAY MODULE



- Sonetonix 8 Channel Relay Module offers 8 channels of relay switching for controlling various electrical loads. Each channel is rated at 10A, and the module can handle a total of 80A.
- Interfaced via S-NET (RS-485) or High speed 2.4 GHz WI-FI technology for flexible integration with automation systems.
- Suitable for controlling lighting, motors, exhaust fans, and other compatible appliances.
- Designed for reliable performance, easy installation, and seamless integration with Sonetonix automation ecosystem.



8 CHANNEL
RELAY OUTPUT



DIN RAIL
MOUNTING



WI-FI &
RS-485



HIGH
RELIABILITY

OTHER FEATURES

- ✓ 8 channels of relay controller for ballast cut-off or switching of other lighting loads such as incandescent, motors and exhaust fans
- ✓ 8 channels, standard type @10A per channel
- ✓ Rated 10Amps per channel, 80Amps total at 220-240 Volts AC
- ✓ Restores channel status upon power reset
- ✓ LEDs on the modules indicate communication to a Sonetonix network, input power to the module, and output power to the load.
- ✓ 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 & S-NET



Two Push button switches on the front panel provide three functionalities.

1 SETUP BUTTON SWITCH

- WHEN DOUBLE TAP the SETUP BUTTON SWITCH it will change the device from wired to wireless mode and vice-versa.
- WHEN LONG PRESS the SETUP BUTTON SWITCH for 5 sec it will erase all data stored in the device.
- Single tap the setup button, user can read the ID or IP Address using 0.96 inch OLED Display.

2 RESET SWITCH

Use to reset the device.

The WI-RL-8 communicates with a 3rd Party control system via the S-NET control network. A pair of S-NET ports is provided on the WI-RL-8 for easy daisy-chaining of several DIN Rail Series automation control modules.

ELECTRICAL SPECIFICATIONS

Operating Voltage	: 240VAC, 50/60H
Maximum Power Per Channel	: 2200 W
Max Load Current per Channel	: 10 A
Operating Temperature	: 0 - 45 °c
Module Total current	: 80 A
S-NET Power Usage	: 6 Watt (0.5A @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 - CH8** : (Blue) Channel status indication LEDs
- **Setup, Reset** : Miniature push button switches to configure and reset the device manually
- **OLED Display** : (1) 0.96 inch display to monitor the Device ID or IP Address

CONNECTIONS

CHANNELS (1-8)	: (8) 2-pin 7.62 mm detachable terminal blocks with SPST relay switch circuit @10A per channel.
S-NET	: (2) 4-pin 3.81mm detachable terminal blocks for S-NET communication
INPUTS (1-8, G)	: (2) 9-pin 3.81mm detachable terminal block for status input of each channel
POWER (+12, G)	: (1) 2-pin 3.81mm detachable terminal block for 12V DC power input

MECHANICAL SPECIFICATION

Mounting	: 6M wide DIN rail mounting
Material	: Light gray polycarbonate housing
Dimension (In inches)	: 4.18 (W) X 3.71 (H) X 2.35 (D)
Weight	: 369 Grams