

LC-RL-4-W

RELAY MODULE

RELIABLE SWITCHING. SMART AUTOMATION.

The Sonetnix LC-RL-4-W Relay Module features 4 high power relays for reliable switching of non-dimmable loads, motors, screens and more. Designed for seamless integration with Sonetnix automation systems via S-NET communication.



HIGH POWER
RELAY 10A/CH



S-NET
COMMUNICATION



16 SCENES
SUPPORT



EASY INSTALLATION
WALL MOUNTING

OVERVIEW

Sonetnix LC-RL-4-W is a 4-channel relay module designed to control high power non-dimmable loads such as lighting, screens, water fountain motors (up to 0.5HP), gates/shutters and more. It supports manual control, scene recall and integration with third-party systems through RS-485 (S-NET) communication.

KEY FEATURES

- 4 Channel Relay Controller @10A per channel
- Power switching for non-dimmable loads
- Supports 16 scenes with internal memory
- Low voltage trigger interface for each channel
- Restores channel status upon power reset
- Configurable START time for each channel
- S-NET ID programming with front panel switches
- Manual override switches with status LEDs
- Watchdog LED blinking @1 sec indicates normal operation
- Status indication LEDs for each channel
- S-NET communication for integration with Sonetnix modules and third-party systems
- Easy installation with wall mounting

APPLICATIONS



Lighting
Control



Screen /
Shutter
Control



Water Fountain
Motor Control



Gate / Door
Automation



Home & Building
Automation

CONNECTIONS

CHANNELS (1-4)	(4) 2-pin 5.08 mm captive screw terminals with SPST relay switch circuit @10A per channel
S-NET	(1) 4-pin 5.08mm detachable terminal block for S-NET communication
LV TRIGGERS (G, 1-4)	(1) 4-pin 5.08mm detachable terminal blocks to provide low voltage trigger to each channel

ELECTRICAL SPECIFICATION

Operating Voltage	240VAC, 50/60Hz
Maximum Power Per Channel	2200 W
Max Load Current per Channel	10 A
Module Total Current	40 A
Operating Temperature	0 - 45 °C
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
WDT	(1) Green Blinking @ 1 sec indicates normal working condition of the Device
COM	(1) Yellow LED, indicates communication with the control processor
CH1 - CH4	(4) Red LEDs Channel status indication
Manual Switch (1-4)	(4) Miniature tactile switches to set S-NET ID and control channels manually

DIMENSIONS & WEIGHT

