MOD-SSRY4

4-channel 2A solid-state module

The MOD-SSRY4 is a 4 channel 2A solid-state relay module that fits into any modular controller.

- **4 x 250 volts AC 2A non-latching normally-open solid-state relays**

CONNECTIVITY	
Module Connector	24-pin connector to connect to modular controller unit
Relay 1-4	4 sets of detachable 3-pin screw terminal blocks (included) consisting of 4 normally-open relay channels Wire range: 28-14 AWG Relay Rating: 250V AC 5A
TOP PANEL	
Clip	Secures and releases the module from the modular controller unit
Label	Model and serial number information.
POWER	
Power Consumption	Power usage 500mW maximum, powered by modular controller DIN-MOD4 or MOD4 (not included)
PHYSICAL	
Enclosure	Polycarbonate with dark grey matte finish
Height	32.8mm (1.29in)
Width	40mm (1.57in)
Depth	68mm (2.68n)
Weight	0.07kg (0.15lbs), Shipping 0.2kg (0.44lbs)
ENVIRONMENTAL & REGULATORY	
Temperature	5°C to 45°C (41°F to 113°F)
Humidity	20% to 85% RH, non-condensing
Certification	FCC, CE, C-Tick
WARRANTY	
Warranty	5 years limited warranty

Overview

The SSRY4 module features 4 high voltage (250V AC, 2A) solid-state relay ports, and comes with detachable screw terminal blocks for secure connections to external relay-controlled high-voltage devices. Plug it into a modular controller to add relay control ports to your system. The benefit of solid-state relays are their extremely low noise (almost silent) switching, typical 10x faster swithing, very much longer lifetime and more reliable (no moving parts).

Power On States

Each relay port can be configured to be in open, closed or resume last state on power up. Using the resume option, they will return to their open or closed state after a power loss.

Extended Functionality

Most relay control systems out there allow you to set relays on or off, and require complex programming on a control processor to perform anything else. Our relay control protocol includes additional functionality such as a simple toggle command (so that you don't have to keep track of the relay state for basic toggle actions) and a pulsing command to pulse the relay closed for a time period, then opening again (of course, the time period is customisable as part of the protocol). Relay control has never been so easy.