MOD-RY4

4-channel 5A relay module

The MOD-RY4 is a 4-channel 5A relay module that fits into any modular controller.

■ 4 x 250 volts AC 5A non-latching normally-open 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 RY4 module features 4 high voltage (250V AC, 5A) relay ports, and comes with detachable screw terminal blocks for secure connections to external relay-controlled devices. Plug it into a modular controller to add relay control ports to your system.

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.