



MOD-LRY8

8-channel 1A latching relay module

SPECIFICATIONS



The MOD-LRY8 is an 8-channel latching relay module that fits into any modular controller.

- 8 x 30 volts DC 1A latching (polarized) relays

CONNECTIVITY	
Module Connector	24-pin connector to connect to modular controller unit
Relay 1-8	4 x detachable 4-pin 3.50mm terminal block consisting of 8 channels of relay ports. Wire range: 24-16 AWG Relay Rating: 30V DC 1A
TOP PANEL	
Clip	Secures and releases the module from the modular controller unit
Label	Model and serial number information.
POWER	
Power Consumption	Power usage 600mW 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 (2.68in)
Weight	0.08kg (0.18lbs), 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 LRY8 module features 8 low voltage (30V DC, 1A) relay ports, and comes with spring terminals for quick and easy, yet 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. And because the relays are latching (polarized), they will stay in their open or closed state even when power is lost.

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.