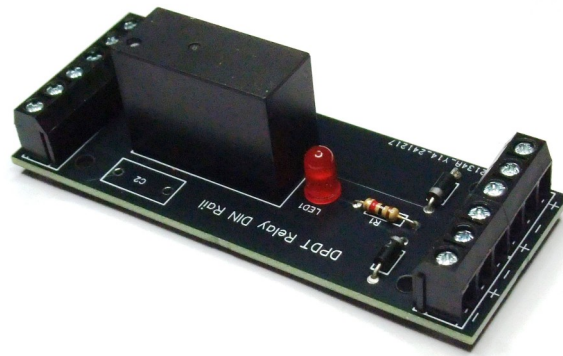# DPDT Relay Module

A single DPDT ready assembled relay module mounted on a small PCB. All connections are made via screw terminals and it has LED indication to show when the relay is activated.

The relay is operated from a DC voltage source, with diode protection for incorrect polarity connection and a clamping diode installed across a coil, this unit has many uses. If you are switching inductive loads, provision has been provided to fit a varistor across both sets of the normally open contacts. The relay boards can be secured via four M3 fixings or a suitable DIN rail housing is available.

These relay modules are ideal to interface with burglar alarms, fire detection systems, entry exit access systems and model makers.

These relay modules are available with three operating voltages 6, 12 and 24 volts.

Application.

Connect the relay to the control voltage on any of the terminals marked + -. Connect your load to the common terminal (C) and either the normally open (NO) or normally closed (NO) terminals. When the control voltage is 'live' the relay will energise the LED will illuminate. The load will be switched on of off (depending on relay connection).

Control Voltage

If you have to split the control voltage or supply another relay module it can wired as below.

Control Voltage

Load

Supply Voltage

Load

Supply Voltage
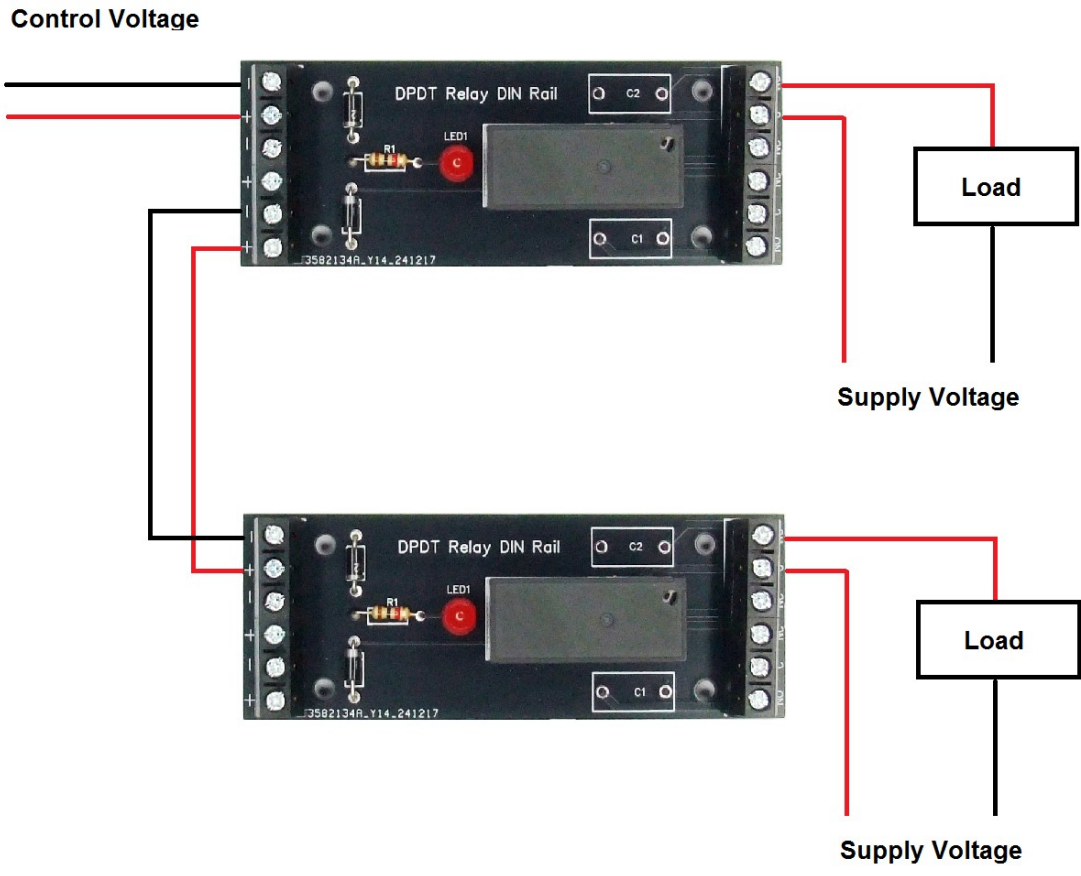
DIN Rail housing available for 6, 12 and 24 Volt relay modules, with either opaque or clear lids.

Specifications	
Contacts	DPDT
Contact Rating	5A 250Vac
6 Volt Relay	
Operating Voltage	5 – 7.5 volts@85mA
12 Volt Relay	
Operating Voltage	10 – 14 volts@55mA
24 Volt Relay	
Operating Voltage	22 – 26.5 volts@25mA
Dimensions	35 x 32 x 23mm
Weight	36g