



Detcon Model RL-4

Addressable Relay Module

888-367-4286
281-367-4100
fax 281-292-2860
www.detcon.com
sales@detcon.com

Description

The Detcon RL-4 relay output module is a stand-alone serial addressable device. Each RL-4 has 4 assignable 5A relay contacts. It receives RS485 Modbus RTU commands that control the 4 relay outputs.

RL-4 Modules are din-rail mounted and stackable with slide-in connectors that bus the power and communication lines between modules. Modules are serially addressed using front panel switches and the LED flashes to demonstrate valid communications status. As serial devices, these RL-4 modules can be located virtually anywhere in a control system scheme.

The RL-4 module is powered by a 11.5-30 VDC input and its four relay contacts are rated for 5A at 30 VDC and 250 VAC. The relay contacts are single pole double-throw. Each module is designed with integral protection from voltage and current spikes found in typical industrial environments.

The RL-4 relay output module can be combined with Detcon's DA-4 (4-20 mA input), AO-4 (4-20 mA output) and DI-4 (contact input) line of I/O modules to create a rugged and reliable control system. Control System designs using the Detcon line of I/O modules are low-cost and simplified. They provide seamless expandability and simplified field wiring for low-cost installations.



Specifications

Capacity

4 Relay Output Contacts

Inputs

Non-Proprietary RS-485 Modbus™ RTU

Outputs

Quantity 4
Form C Single Pole Double Throw Contacts
Rated for 5A at 30 VDC and 250 VAC

Communications

9600 Baud, 8 Data Bits, No Parity, 1 Stop Bit
Other Baud Rate and Parity Optional

Input Voltage

11.5-30 VDC

Power Consumption

<3 Watts @ 24 VDC

Dimensions

4.5"H x 4"D x 0.7"W

Mounting

35 x 7.5 mm Din Rail Standard

Electrical Classification

NEMA 1

Warranty

One Year

Features

- ☑ Modular Din-rail Mounted Package
- ☑ Stackable Design with Integrated Bus for Communications and Power
- ☑ Serial Addressable Modules
- ☑ RS485 Modbus RTU Platform
- ☑ 4 Relay Outputs per RL-4 module
- ☑ Relays rated 5 Amps at 30VDC and 250 VAC
- ☑ Single Pole Double Throw Relay Contacts.
- ☑ Input Protection from Voltage and Current Spikes

Order Guide

Model RL-4 Addressable 4 Relay Output Module #975-041400-000

Din Rail End Spacer (2 per module grouping) #306-290876-000

5 Position Interface Plug (1 per module grouping) #306-189320-300

