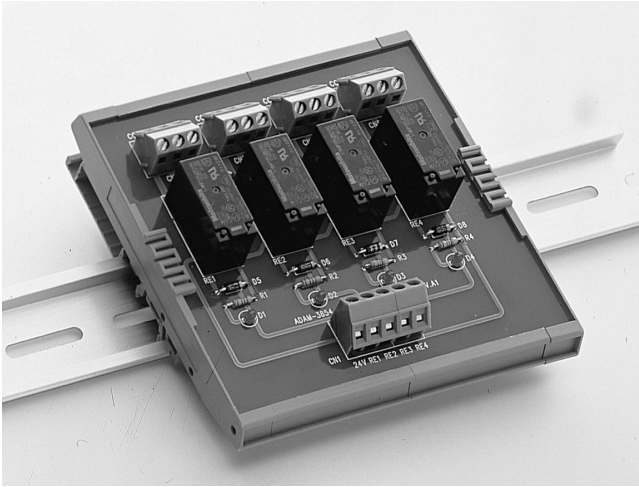


# ADAM-3854

## 4-channel DIN-rail Mounting Power Relay Module



### Features

- High power relays can handle up to 5 A @ 250 V<sub>AC</sub> and 5 A @ 30 V<sub>DC</sub>
- 4 single-pole double-throw (SPDT) relays
- Industrial screw terminals for easy output wiring
- LED status indicators
- Onboard varistor protects relay contact points
- DIN-rail mounting

### Introduction

The ADAM-3854 features four industrial SPDT (Form C) electromechanical power relays and a DIN-rail mount. Each of the relays is equipped with an adjacent LED to display its status. Each output is equipped with a varistor that shunts the surge voltage of an

DC digital signal and is

All the relay outputs and relay controls are accessible through wiring terminals, allowing the ADAM-3854 to be easily connected to any item of equipment or device such as programmable logic controllers (PLCs).

### Specifications

- **Channels** 4
- **Relay Type** SPDT (Form C)
- **Contact Rating** AC: 250 V @ 5 A  
DC: 30 V @ 5 A
- **Contact Resistance** 100 MΩ
- **Operation Time** 15 msec. max.
- **Release Time** 5 msec. max.
- **Life Expectancy**  $1.7 \times 10^5$  at rated load
- **Power Requirements** +24 V<sub>DC</sub>
- **Power Consumption** 2.2 W
- **Dimensions** 112.5 mm (L) x 118.4 mm (W) x 46 mm (H)  
(4.43" x 4.66" x 1.81")

#### Varistor

- **Maximum Applied Voltage** 300 V<sub>RMS</sub>
- **Varistor Voltage** 470 V (current = 1 mA)
- **Clamping Voltage** 760 V (10 A)
- **Max. Peak Current** 1,200 A for 8 msec

### Ordering Information

- **ADAM-3854** 4-channel DIN-rail Mounting Power Relay Module

### Applications

- Signal switching
- On/off control
- Valve/solenoid control
- Annunciation control
- Alarm activation

### Basic Function Diagram

