

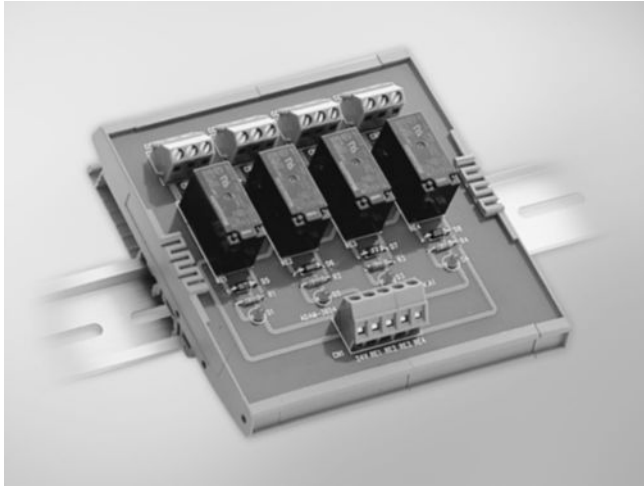
# ADAM-3854

# ADAM-3864

## 4-ch Power Relay Module

## 4-ch Solid State Digital I/O Module

## Carrier Backplane



ADAM-3854

### 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

### Specifications

#### I/O

- Channels 4
- Contact Rating 250 V<sub>AC</sub> @ 5 A  
30 V<sub>DC</sub> @ 5 A
- Contact Resistance 100 mΩ
- Operation Time 15 ms max.
- Relay Type SPDT (Form C)
- Release Time 5 ms max.
- Life Expectancy 1.7 x 10<sup>5</sup> at rated load

#### Varistor

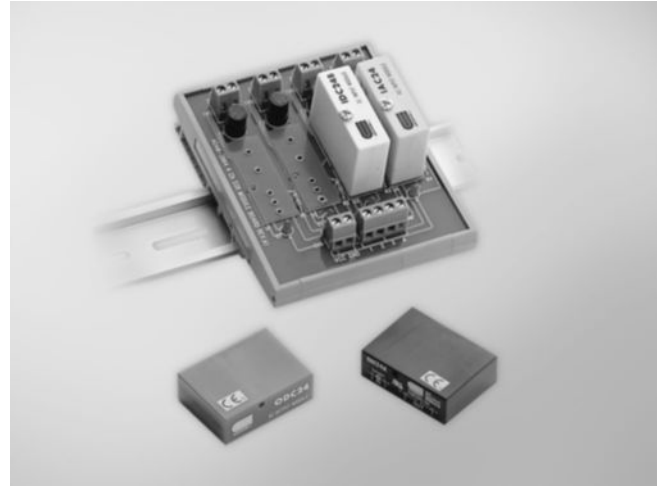
- Clamping Voltage 760 V (10 A)
- Max. Applied Voltage 300 V<sub>RMS</sub>
- Max. Peak Current 1,200 A for 8 ms
- Varistor Voltage 470 V (current = 1 mA)

#### General

- Connectors Screw terminals
- Dimensions (L x W x H) 112.5 x 118.4 x 46 mm (4.43" x 4.66" x 1.81")
- LED Indicators Status displayed for each relay
- Mounting DIN-rail
- Power Consumption 2.2 W
- Power Input 24 V<sub>DC</sub>

### Ordering Information

- ADAM-3854 4-ch DIN-rail Power Relay Module



ADAM-3864

### Features

- 2,500 V<sub>RMS</sub> optical isolation
- LED status indicators
- Onboard fuse protection
- DIN-rail mounting

### Specifications

#### Input Modules

##### Field Side:

- Input On/Off Voltage IAC24A series: 180 ~ 280 V/80 V<sub>RMS</sub>  
Range IDC24B series: 3 ~ 32 V/1 V<sub>DC</sub>
- Input Resistance IAC24A series: 44 kΩ  
IDC24B series: 1.5 kΩ

##### Logic Side:

- Breakdown Voltage 30 V<sub>DC</sub>
- Output Current 100 mA max.
- Output Voltage Drop 0.4 V max.
- Supply Current 12 mA max.
- Supply Voltage 24 V<sub>DC</sub>

#### Output Modules

##### Field Side:

- Contact Voltage Drop 1.6 V max.
- Current Rating 3 A max. (@ 25°C)

##### Logic Side:

- Input Resistance 220 Ω
- Supply Current 12 mA max.
- Supply Voltage 24 V

#### General

- Dimensions (L x H x W) 118.4 x 90 x 59 mm (4.66" x 3.54" x 2.32")
- Mounting DIN-rail

### Ordering Information

- ADAM-3864 4-ch Solid State Module Carrier Backplane
- OAC24A AC Output Module (24-280 V<sub>AC</sub>, 3 A)
- ODC24 DC Output Module (5-60 V<sub>DC</sub>, 3 A)
- PCLM-ODC5 Single Piece DC SSR Module (60 V<sub>DC</sub>, 3 A)
- IAC24A AC Input Module (180-280 V<sub>AC</sub>)
- IDC24B DC Input Module (3-32 V<sub>DC</sub>)