

# ADAM-3651 ADAM-3656 ADAM-3664

8-ch Digital Input Module

8-ch Digital Output Module

4-ch Relay Output Module



ADAM-3651



ADAM-3656



ADAM-3664

## Specifications

### General

- **Power Consumption** 1W (Max.)
- **Certification** CE/FCC C1D2

### Digital Input

- **Channel** 8
- **Input Type** Sink (Wet Contact)/Counter
- **Rated Input** >5mA @ 12 V<sub>DC</sub>
- **Current** >10mA @ 24 V<sub>DC</sub>
- **Input Filter** Programmable, Default: 3ms
- **Pulse Input Frequency** 150Hz
- **Over Voltage Protection** +40 V<sub>DC</sub>

### Environment

- **Operating Temp.** -40 ~ 70°C
- **Storage Temp.** -40 ~ 85°C
- **Humidity** 5 ~ 95% (no-condensation)

## Ordering Information

- **ADAM-3651-AE** 8-ch Digital Input Module

## Specifications

### General

- **Power Consumption** 1W (Max.)
- **Certification** CE/FCC C1D2

### Digital Output

- **Channel** 8
- **Output Type** Open Collector (Sink)
- **OC Output**
  - Rated Voltage 8 ~ 30 V<sub>DC</sub>
  - Rated Current 200mA (max load)
- **Over Voltage Protection** +40 V<sub>DC</sub>
- **Pulse Output Frequency** 1 KHz
- **Opto-isolator Response time** 150 us (max)
- **Isolation Voltage** 2000 V<sub>DC</sub>

### Environment

- **Operating Temp.** -40 ~ 70°C
- **Storage Temp.** -40 ~ 85°C
- **Humidity** 5 ~ 95% (no-condensation)

## Ordering Information

- **ADAM-3656-AE** 8-ch Digital Output (Sink type) Module

## Specifications

### General

- **Power Consumption** 1W (Max.)
- **Certification** CE/FCC C1D2

### Relay Output

- **Channel** 4
- **Breakdown Voltage** 500 V<sub>AC</sub> (50/60 Hz)
- **Contact Rating**
  - AC: 125 V @ 0.6 A
  - 250 V @ 0.3 A
  - DC: 30 V @ 2 A
  - 110 V @ 0.6 A
- **Insulation Resistance** 1 GΩ min. @ 500 V<sub>DC</sub>
- **Relay Off Time (Typical)** 2 ms
- **Relay On Time (Typical)** 3 ms
- **Total Switching Time** 10 ms

### Environment

- **Operating Temp.** -40 ~ 70°C
- **Storage Temp.** -40 ~ 85°C
- **Humidity** 5 ~ 95% (no-condensation)

## Ordering Information

- **ADAM-3664-AE** 4-ch Relay Output Module