

# BAS-3050

# BAS-3051

8-ch DI, 8-ch DO Expansion Module

16-ch DI Expansion Module



## Specifications

### General

- Power Input 24 V<sub>DC</sub>/24 V<sub>AC</sub>
- Power Consumption 3 W @ 24 V<sub>DC</sub>

### Digital Input

- Channels 8
- Dry Contact Logic High: Close  
Logic Low: Open
- Support 1 kHz Counter Input (2 channels)
- Support 1 kHz Frequency Input (2 channels)

### Digital Output

- Channels 8 (Source Type)
- V<sub>CC</sub>: 10 ~ 35 V<sub>DC</sub>, Current: 1 A (per channel)
- Minimum Period 1 second (for PWM output)
- Minimum Pulse Width 0.1 second (for PWM output)

### Protection

- Isolation Voltage 3000 V<sub>DC</sub>

## Specifications

### General

- Power Input 24 V<sub>DC</sub>/24 V<sub>AC</sub>
- Power Consumption 3 W @ 24 V<sub>DC</sub>

### Digital Input

- Channels 16
- Dry Contact Logic High: Close  
Logic Low: Open
- Support 1 kHz Counter Input (2 channels)
- Support 1 kHz Frequency Input (2 channels)

### Protection

- Isolation Voltage 3000 V<sub>DC</sub>

## Ordering Information

- BAS-3050 16-ch DI/O Expansion Module
- BAS-3051 16-ch DI Expansion Module

## Common Specifications

### General

- Dimension (W x H x D) 120 x 120 x 44 mm
- Enclosure ABS + PC
- Watchdog Timer Yes
- Operating Mode
  1. Connect to BAS-3520/3512 (Powered by BAS-3520/3512)
  2. Standalone as remote I/O devices (Need external power 24 V<sub>DC</sub>)
- Communication Local Bus (Connect to BAS-3520/3512)  
RS-485 (Standalone as remote I/O devices)

### Environment

- Operating Temperature -10 ~ 60° C
- Storage Temperature -20 ~ 80° C
- Operating Humidity 20 ~ 95% (Non-condensing)
- Storage Humidity 0 ~ 95% (Non-condensing)