

BAS-3060

8-ch DO Relay Expansion Module



RoHS
Compliant
2002/95/EC

CE FCC

Features

- 24 V_{DC} or 24 V_{AC} input
- 500 V_{DC} isolation protection
- Power relay output
- Supports Modbus /RTU Protocol

Introduction

BAS-3060 expansion I/O modules can be stacked on the DDC controller, or can serve as remote standalone I/O modules through an RS-485 network. These expansion I/O modules add both scalability and flexibility to Advantech BAS-3000 solutions. Like the DDC, I/O expansion modules can be programmed using the BASPro programming tool.

Specifications

General

- **Dimensions (W x H x D)** 120 x 120 x 44 mm (4.72" x 4.72" x 1.73")
- **Enclosure** ABS + PC
- **Power Input** 24 V_{DC}/24 V_{AC}
- **Power Consumption** 3 W @ 24 V_{DC}
- **Watchdog Timer** Yes
- **Communication** Local Bus (Connect to BAS-3520/3512/3520C)
RS-485 (Standalone as Remote IO Device)
- **Supported Protocols** Modbus/RTU

Digital Output (Relay Output)

- **Channels** 8
- **Digital Output (Relay)** Isolation Voltage: 500 V_{DC}
Universal Input Isolation Voltage: 3000 V_{DC}
- **Breakdown Voltage** 1000 V_{AC} (50/60 Hz)
- **Contact Rating (Resistive)** AC: 5 A @ 250 V
DC: 5 A @ 30 V
- **Initial Insulation Resistance** 1G ohm min @ 500 V_{DC}
- **Relay Off Time (Typical)** 5.6 ms
- **Relay On Time (Typical)** 5 ms
- **Maximum Operating Speed** 6 operations/min (@ related load)

Protection

- **Isolation Voltage** 500 V_{DC}

Environment

- **Operating Temperature** -10 ~ 60°C (14 ~ 140°F)
- **Storage Temperature** -20 ~ 80°C (-4 ~ 176°F)
- **Operating Humidity** 20 ~ 95% (Non-condensing)
- **Storage Humidity** 0 ~ 95% (Non-condensing)

Ordering Information

- **BAS-3060-AE** 8-ch DO Relay Expansion Module



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