

# ADAM-5202 ADAM-5240 ADAM-5030

## 2-port AMONet Master Module 4-axis Stepping/Pulse-type Servo Motor Control Module

## 2-slot SD Storage Module



ADAM-5202



ADAM-5240



ADAM-5030



### Specifications

#### General

- **Certifications** CE, FCC class A
- **Power Consumption** 0.5 W (Max.)
- **Enclosure** ABS+PC
- **Connectors** RJ-45
- **LED Indicators** Active, Error (Each Port)

#### Motion

- **Number of Rings** 2
- **Transmission Speed** 2.5, 5, 10 or 20 Mbps with automatic data flow control
- **Serial Interface** Half duplex RS-485 with transformer isolation
- **Cable Type** CAT5 UTP/STP Ethernet cable
- **Surge Protection** 10 kV
- **Communication** Max. 100 m (20 Mbps/32 slave modules) or 50 m (20 Mbps/64 slave modules) Distance
- **Communication Slave** 2 Rings with Max. 128 (1 Ring with 64 slaves) Module Number

Note: only for ADAM-5550 Series

### Ordering Information

- **ADAM-5202** 2-ring AMONet Master Module

### Specifications

#### General

- **Certifications** CE
- **Power Consumption** 1.1 W (Max.)
- **Enclosure** ABS+PC
- **Connectors** 100-pin SCSI-II female

#### Motion

- **Number of Axis** 4 Axis
- **External Power Input** DC +12 ~ 24 Vdc
- **Range** 2/3-axis Linear Interpolation/ 2-axis Circular Interpolation
- **Speed** ±2, 147, 483, 646 for each axis 1PPS ~ 4MPPS

#### Continuous Interpolation

- **Speed** 1PPS ~ 2MPPS

#### Drive Output Pulses

- **Range** 1PPS ~ 4MPPS
- **Pulse Output Type** Pulse /Direction (1-pulse, 1- direction type) Up/Down (2-pulse type) T/S-curve Acceleration/Deceleration
- **Speed Curve**

#### Input Pulse for Encoder Interface

- **Encoder Pulse Input Type** Quadrature (A/B phase or Up/Down)
- **Counts per Encoder Cycle** X1, X2, X4 (A/B phase only)
- **Protection** 1,000 Vdc isolation
- **Input Range** 5 V ~ 30 V

#### External Deceleration/Instantaneous Stop Signal

- **Input Signal** nIN1 ~ 3
- **Max Input Frequency** 4 kHz
- **Protection** 1,000 Vdc Photo coupler isolation

#### Input Pulse for Servo Motor Drives

- **Input Signal** nALArm (servo alarm) nINPOS (position command completed)

#### General Purpose Output Signal

- **Output Signal** nOUT4 ~ 7

#### Emergency Stop

- **Input Signal** EMG – one emergency stop input for ADAM-5240
- **Protection** 1000 Vdc Photo coupler isolation and RC filtering

Note: only for ADAM-5550 Series

### Ordering Information

- **ADAM-5240** 4-axis Stepping/Pulse Servo Motor Control Module
- **ADAM-3952** 50-pin DIN-rail SCSI Wiring Board
- **PCL-101100M-1** 100-pin SCSI Cable, 1 m
- **PCL-101100M-3** 100-pin SCSI Cable, 3 m
- **PCL-10251-1** 100-pin SCSI to Two 50-pin SCSI Cable, 1 m
- **PCL-10251-2** 100-pin SCSI to Two 50-pin SCSI Cable, 2 m
- **PCL-10251-3** 100-pin SCSI to Two 50-pin SCSI Cable, 3 m

### Specifications

#### General

- **Certifications** CE, FCC class A
- **Enclosure** ABS+PC
- **Power Consumption** 0.5 W (Max)

#### Storage

- **Storage Type** SD (Secure Digital Card)
- **Storage Number** 2
- **USB Type** USB Rev 2.0 (Compliant)
- **USB Number** 2
- **Operating Temperature** 0 ~ 55° C (32 ~ 131° F)
- **Max Storage** 1 GB x 2
- **Format** FAT-16
- **Interface** PCI Bus

Note: only for ADAM-5550 Series

### Ordering Information

- **ADAM-5030** 2-slot SD Storage Module

19

Embedded Controllers

20

PC-based Controllers

21

PAC

22

Motion Control

23

RS-485 I/O

24

Ethernet I/O

25

Building Automation

26

Self-service Terminals

27

eHome Platforms