# AMAX-5052 AMAX-5057 AMAX-5057SO

CE, FCC class A

push-in terminal

(#28~16 AWG)

2W@24V<sub>DC</sub>

EtherCAT

100Mbps

Dry Contact

Wet Contact

Iso.GND

4ms

4ms

3ms

2,000 VDC

-40~85°C

Module

95% (non-condense)

16-ch Digital Input

PC

16

Pluggable 6P+12P

PWR, RUN, DI status

Logic level 1: close to

Logic level 0: open

Rated voltage: 24V<sub>DC</sub>

and -10~-30 Vpc

Logic level 1: 10~30  $V_{\text{DC}}$ 

Logic level 0: -3~3 V<sub>DC</sub>

From logic level 0 to 1:

From logic level 1 to 0:

6.8 kΩ (wet contact)

16-ch Digital Input Module

16-ch Sink-type Digital Output Module

16-ch Source-type Digital Output Module



AMAX-5052

# **Specifications**

#### General

- Certification
- Connector
- Enclosure
- Power Consumption
- Protocol
- Transmission Rate
- LED Indicator

### **Digital Input**

- Channels
- Digital Input
- Input Delay
- Digital Filter
- Input Impedance

### Protection

Isolation Voltage

#### Environment

- Operation Temperature -25~60°C (vertical mounted)
- Storage Temperature
- Relative Humidity
- **Ordering Information**
- AMAX-5052



# **Specifications**

### General

- Certification
- Connector
- Enclosure •
- **Power Consumption** .
- Protocol .
- **Transmission Rate**
- **Distributed Clock** . **LED** Indicator

# **Digital Output**

- Channels
- Voltage Rating
- **Rated Current Output**
- Leakage Current
- Output Delay

### Protection

- Isolation Voltage 2,000 VDC
- Internal Flyback diode for inductive load

### Environment

- -25~60°C (vertical Operation Temperature mounted)
- Storage Temperature Relative Humidity
- **Ordering Information**
- AMAX-5057

-40~85°C

95% (non-condense)

## 16-ch Sink-type Digital Output Module



# AMAX-5057SO

# CEFCC ROHS

# **Specifications**

# General

- Certification
- Connector
- Enclosure
- Power Consumption
- Protocol
- **Transmission Rate** .
- Distributed Clock
- LED Indicator

# **Digital Output**

- Channels
- Voltage Rating
- Rated Current Output
- Leakage Current
- Output Delay

- CE, FCC class A Pluggable 6P+12P push-in terminal (#28~16 AWG) PC 2.5W@24VDC EtherCAT 100Mbps Default inactive PWR, RUN, DO status
- 16 (Source Type) 10~30Vpc 0.5A per channel at signal "1" 10 µA per channel at signal "0" From logic level 0 to 1: 150µs From logic level 1 to 0: 2ms

### Protection

- Isolation Voltage 2,000 VDC
- Internal Flyback diode for inductive load

### Environment

 Operation Temperature Storage Temperature

Relative Humidity

-25~60°C (vertical mounted) -40~85°C 95% (non-condense)

# **Ordering Information**

AMAX-5057SO

16-ch Source-type Digital Output Module

AD\ANTECH All product specifications are subject to change without notice.

- Default inactive PWR, RUN, DO status

From logic level 0 to 1: From logic level 1 to 0: 100µs

16 (Sink Type) 0.3A per channel at

CEFCC ROHS

CE, FCC class A

push-in terminal

(#28~16 AWG)

2.5W@24V<sub>DC</sub>

EtherCAT

100Mbps

PC

Pluggable 6P+12P

10µs

# 10~30Vpc signal "1"

# 25 µA per channel at signal "0"