AMAX-5051 AMAX-5056 **AMAX-5056SO**

8-ch Digital Input Module

8-ch Sink-type Digital Output Module

8-ch Source-type Digital Output Module







CEFCC ROHS AMAX-5056



CEFCC ROHS AMAX-5056SO

Specifications

AMAX-5051

General

 Certification CE, FCC class A Pluggable 4P+8P Connector push-in terminal (#24~16 AWG)

PC Enclosure Power Consumption $2W@24V_{DC}$ EtherCAT Protocol Transmission Rate 100Mbps

LED Indicator PWR, RUN, DI status

Digital Input

Channels 8

 Digital Input Dry Contact Logic level 1: close to

Iso.GND Logic level 0: open Wet Contact Rated voltage: 24Vac Logic level 1: 10~30 Vnc and -10~-30 \frac{\frac{1}{2}}{2}

Logic level 0: -3~2 V_{DC} From log c level 0 to 1: Input Delay

> From logic level 1 to 0: 4ms

 Digital Filter 3ms

Protection

Isolation Voltage $2,000 V_{DC}$

Environment

- Operation Temperature -25~60°C (vertical mounted)

 Storage Temperature -40~85°C Relative Humidity 95% (non-condense)

Ordering Information

AMAX-5051 8-ch Digital Input Module

Specifications

General

 Certification CE, FCC class A Pluggable 4P+8P pl sh Connector in terminal (#2 r~1)

AWG)

100 Abps

Default inactive

PWR, RUN, DO status

PC Enclosure

Power Consumption 2W(22/ V c Et. erC ^T Protocol

Transmission Rate

Distributed Clock

LED Indicator

Digital Cutput

 Channels 8 (Sink Type) Vollage Rating 10~30V_{DC} Rated Current Output 0.3A per channel at signal "1"

Leakage Current 25 µA per channel at signal "0"

Output Delay From logic level 0 to 1:

From logic level 1 to 0: 100µs

Protection

 Isolation Voltage 2,000 V_{DC} Internal Flyback diode for inductive load

Environment

-25~60°C (vertical Operation Temperature mounted) Storage Temperature -40~85°C

Relative Humidity 95% (non-condense)

Specifications

Guneral

Certification CE, FCC class A Connector Pluggable 4P+8P push-in terminal (#24~16 AWG)

Enclosure PC Power Consumption 2W@24V_{DC} Protocol EtherCAT **Transmission Rate** 100Mbps

 Distributed Clock Default inactive LED Indicator PWR, RUN, DO status

Digital Output

Channels 8 (Source Type) Voltage Rating 10~30V_{DC} Rated Current Output 0.5A per channel at signal "1" Leakage Current 10 µA per channel at

signal "0" Output Delay From logic level 0 to 1:

> 150µs From logic level 1 to 0:

2ms

Protection

 Isolation Voltage 2,000 V_{DC} Internal Flyback diode for inductive load

Environment

 Operation Temperature -25~60°C (vertical mounted) Storage Temperature -40~85°C

 Relative Humidity 95% (non-condense)

Ordering Information

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8-ch Sink-type Digital Output Module

Ordering Information

AMAX-5056SO

8-ch Source-type Digital Output Module