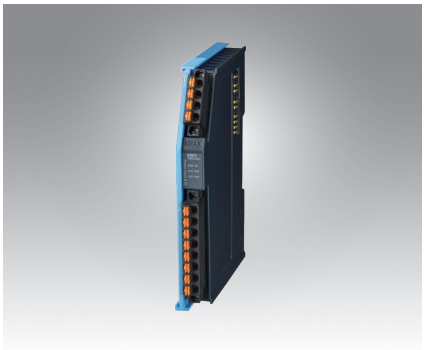
AMAX-5001
AMAX-5074
AMAX-5079

Smart Power Input Module with 4-ch DI

EtherCAT Coupler with ID Switch

EtherCAT Extension



AMAX-5001

AMAX-5074

AMAX-5079

Specifications

General

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
LED Indicator	PWR, RUN, Power Diagnosis LED

Power Input

Rated Voltage	24V_{DC} (± 20%)
Dual Power Input	Supported
Max Current on Bus	2A
Diagnosis Function	Over/under voltage for input 1&2 Over current output on bus

Digital Input

Channels	4
Digital Input	Wet Contact Rated voltage: 24V_{DC} Logic level 1: 10~30 V_{DC} and -10~-30 V_{DC} Logic level 0: -3~3 V_{DC}
Input Delay	From logic level 0 to 1: 4ms 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-5001	Smart Power Input Module with 4DI

Specifications

General

Certification	CE, FCC class A
Connector	Pluggable 4P push-in terminal (#24~16 AWG) and 2x RJ45
Enclosure	PC
Power Consumption	2.5W@24V_{DC}
Protocol	EtherCAT
Transmission Rate	100Mbps
LED Indicator	PWR, RUN, Power Diagnosis LED

Power Input

Rated Voltage	24V_{DC} (± 20%)
Dual Power Input	Supported
Max Current on Bus	2A
Diagnosis Function	Over/under voltage input 1/2 Over current output on bus

EtherCAT Coupler

Function	Coupling EtherCAT IO modules to 100BASE-TX EtherCAT network
Cable	Ethernet/EtherCAT cable (min. Cat. 5), shielded
Distance between stations	Max. 100 m (100BASE-TX)
Bus Interface	2 x RJ45 (1 x Input, 1 x Output)

Protection

Isolation Voltage	1,500 V_{DC} (LAN port)

Environment

Operation Temperature	-25~60°C (vertical mounted)
Storage Temperature	-40~85°C
Relative Humidity	95% (non-condense)

Ordering Information

AMAX-5074	EtherCAT Coupler with ID switch

Specifications

General

Certification	CE, FCC class A
Connector	1 x RJ45
Enclosure	PC
Power Consumption	N/A
Protocol	EtherCAT
Transmission Rate	100Mbps
LED Indicator	N/A

EtherCAT Extension

Function	Conversion of EtherCAT to 100BASE-TX Ethernet for extension of the EtherCAT network
Cable	Ethernet/EtherCAT cable (min. Cat. 5), shielded
Distance between stations	Max. 100 m (100BASE-TX)
Bus Interface	1 x RJ45
Power from bus	N/A

Protection

Isolation Voltage	1,500 V_{DC} (LAN port)

Environment

Operation Temperature	-25~60°C (vertical mounted)
Storage Temperature	-40~85°C
Relative Humidity	95% (non-condense)

Ordering Information

AMAX-5079	EtherCAT Extension

All product specifications are subject to change without notice.

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