AMAX-5001
AMAX-5079

Smart Power Input Module with 4-ch DI

EtherCAT Extension

AMAX-5001

CE FCC RoHS COMPLIANT 2002/95/EC

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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**   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

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