AMAX-5070
Modbus TCP Coupler with ID Switch

AMAX-5074
EtherCAT Coupler with ID Switch

AMAX-5070

CE FCC RoHS COMPLIANT 2002/95/EC

Specifications

General

- **Certification** — CE, FCC class A
- **Connector** — Pluggable 4P push-in terminal (#24~16 AWG) and 2x RJ45
- **Enclosure** — PC
- **Power Consumption** — 3W@24V$_{DC}$
- **Protocol** — Modbus TCP
- **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

Modbus TCP Coupler

- **Function** — Coupling AMAX-5000 EtherCAT IO Module to Modbus/TCP network
- **Cable** — Ethernet/EtherCAT cable (min. Cat. 5), shielded
- **Distance Between Stations** — Max. 100 m (100BASE-TX)
- **Interface** — 2 x RJ45, LAN1: Modbus/TCP, LAN2: Modbus/TCP (default) or Cable Redundancy
- **TCP Connection No.** — 16
- **Response Time** — 5 ms
- **IO Configuration** — Advantech I/O Module Utility

IO Expansion

- **Max IO modules** — 256 (excluding AMAX-5079)
- **Group ID* for Modbus** — 00~255 (Maximum 20 Groups)
- **Cable Redundancy** — Supported

Protection

- **Isolation Voltage** — 1500 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-5070** — Modbus TCP Coupler with ID Switch

Note : Group ID is the ID Switch on AMAX-5074 while configure multi-station IO system after AMAX-5070

AMAX-5074

CE FCC RoHS COMPLIANT 2002/95/EC

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 for input 1&2 Over current output on bus

EtherCAT Coupler

- **Function** — Coupling AMAX-5000 EtherCAT IO modules to 100BASE-TX EtherCAT network
- **Cable** — Ethernet/EtherCAT cable (min. Cat. 5), shielded
- **Distance Between Stations** — Max. 100 m (100BASE-TX)
- **Interface** — 2 x RJ45 (1 x Input, 1 x Output)

Protection

- **Isolation Voltage** — 1500 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