

AMAX-5070

AMAX-5074

Modbus/TCP Coupler with ID Switch

EtherCAT Coupler with ID Switch



AMAX-5070



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

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 EtherCAT Cable Redundancy
- **TCP Connection No.** 32
- **Response Time** 20 ms
- **IO configuration** Utility

IO Expansion

- **Max IO modules** 255
- **Group ID* for Modbus** 01-64
- **Cable Redundancy** Supported

Protection

- **Isolation Voltage** 1,500 V_{DC}

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



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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** 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