

# AMAX-5060

## 4-ch Relay with 2-ch DI Module



CE FCC 

### Features

- Relay Type: Form A (SPST)
- Contact Rating: 250V<sub>AC</sub> @ 5A, 30V<sub>DC</sub> @ 5A
- Insulation Resistance: 1 G $\Omega$  (min.) @ 500 V<sub>DC</sub>
- Breakdown Voltage: 500V<sub>AC</sub> (50/60Hz)

### Specifications

#### General

- **Certification** CE, FCC class A
- **Connector** Pluggable 4P+8P pushin terminal (#24~16 AWG)
- **Enclosure** PC
- **Power Consumption** 2.5W@24V<sub>DC</sub>
- **Protocol** EtherCAT
- **Transmission Rate** 100Mbps
- **LED Indicator** PWR, R/E, R0, R1, R2, R3, DI0, DI1

#### Relay

- **Channels** 4
- **Relay Type** Form A (SPST)
- **Relay Delay Time** On: 6ms  
Off: 3.5ms
- **Breakdown Voltage** 500V<sub>AC</sub> (50/60Hz)
- **Maximum Switching Rate** 20 operations/min (at rated load)
- **Insulation Resistance** 1 G $\Omega$  (min.) @ 500 V<sub>DC</sub>
- **Electrical Endurance** 50,000 operations
- **Mechanical Endurance** 20,000,000 operations (under no load at an operating frequency of 180 operations/min)

#### Digital Input

- **Channels** 2
- **Digital Input** Wet contact  
Logic level 1: 10~30V<sub>DC</sub>  
Logic level 0: 0~3V<sub>DC</sub>
- **Input Delay** From logic level 0 to 1: 6us  
From logic level 1 to 0: 45us
- **Digital Filter** Support range: 0.1ms (4.6kHz) to 3276.8ms (0.18Hz) (3ms is default when filter enable)

#### Protection

- **Isolation Voltage** 2,000 V<sub>DC</sub>

#### Environment

- **Operation Temperature** -20~55°C (vertical mounted)
- **Storage Temperature** -40~85°C
- **Relative Humidity** 95% (non-condense)

### Ordering Information

- **AMAX-5060** 4-ch Relay with 2-ch DI Module

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