# AMAX-5015 AMAX-5017V AMAX-5017C

**4-ch RTD Input Module** 

6-ch Voltage Al Module

6-ch Current Al Module





CEFCC ROHS COMPLIANT 20027/55EC



CEFCC ROHS

AMAX-5017V



AMAX-5017C

CEFCC ROHS

PWR, RUN

# **Specifications**

#### General

Certification
 Connector
 Pluggable 4P+8P push-in terminal (#24~16 AWG)
 Enclosure

Enclosure PCPower Consumption 2W@24V<sub>DC</sub>

Protocol EtherCAT
 Transmission Rate 100Mbps
 LED Indicator PWR, RUN

#### **RTD** Input

Pt 100 RTD:

Pt 1000 RTD

Balco 500 RTD

Channels
Input Connections
Temperature Range

Pt -50°C to 150°C
Pt 0°C to 100°C
Pt 0°C to 200°C
Pt 0°C to 400°C
Pt -200°C to 200°C
IEC RTD 100 ohms
(a = 0.00385)
JIS RTD 100 ohms
(a = 0.00392)
Pt -40°C to 160°C
-30°C to 120°C
-80°C to 100°C

Ni 518 RTD -80°C to 100°C
0°C to 100°C
■ Resolution 16 bit with ±0.1% FSR accuracy
■ Sample Rate 100 sample/s (per

channel)

Burn-out detection

Yes

#### **Protection**

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

#### **Environment**

Operation Temperature -25~60°C (vertical mounted)

Storage Temperature
 Relative Humidity
 40~85°C
 95% (non-condense)

# **Ordering Information**

**AMAX-5015** 4-ch RTD Input Module

### **Specifications**

#### General

Certification
 Connector
 Pluggable 4P+8P push-in terminal (#24~16 AWG)
 Enclosure

Power Consumption
 Protocol
 Transmission Rate
 Transmission Rate

#### **Analog Input**

**LED Indicator** 

 $\begin{array}{lll} \bullet & \textbf{Channels} & \textbf{6 (Differential)} \\ \bullet & \textbf{Input Type} & \textbf{V,mV} \\ \bullet & \textbf{Voltage Range} & \pm 150~\text{mV}, \pm 500~\text{mV}, \pm 1~\text{V} \\ \bullet & \textbf{Input Impedance} & > 10M~\Omega \\ \bullet & \textbf{Resolution} & 16-\text{bit with} \pm 0.1\%~\text{FSR} \\ \end{array}$ 

PWR, RUN

accuracy

Sample Rate
100 sample/s
(per channel)

#### **Protection**

• Isolation Voltage  $2,000 V_{DC}$ 

#### **Environment**

Storage Temperature -40~85°C
 Relative Humidity 95% (non-

95% (non-condense)

# **Specifications**

#### General

 ■ Certification
 CE, FCC class A

 ■ Connector
 Pluggable 4P+8P push-in terminal (#24~16 AWG)

 ■ Enclosure
 PC

 ■ Power Consumption
 2W@24V<sub>DC</sub>

 ■ Protocol
 EtherCAT

 ■ Transmission Rate
 100Mbps

#### **Analog Input**

**LED** Indicator

 $\begin{array}{lll} \bullet & \textbf{Channels} & \textbf{6 (Differential)} \\ \bullet & \textbf{Input Type} & \textbf{mA} \\ \bullet & \textbf{Current Range} & \pm 20 \ \text{mA}, \ 0 \sim 20 \ \text{mA}, \\ 4 \sim 20 \ \text{mA} & \\ \bullet & \textbf{Input Impedance} & 120 \ \Omega \\ \end{array}$ 

Resolution 16-bit with ±0.2% FSR accuracy @25°C
 Sample Rate 100 sample/s

(per channel)

• Burn-out detection

Yes

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#### **Protection**

■ Isolation Voltage 2,000 V<sub>DC</sub>

#### Environment

Relative Humidity 95% (non-condense)

### **Ordering Information**

- AMAX-5017V 6-ch Voltage Al Module

- AMAX-5017C

# **Ordering Information**

6-ch Current Al Module