

SIGNAL CONDITIONING MODULES

Standard Voltage Signal Isolations Module

A11NV11



Standard voltage signal isolation Module
 Input Signal: 0~5V, 0~10V, -5~+5V, -10~+10V
 Output Signal: 0~5V, 0~10V, -5~+5V, -10~+10V
 Accuracy: 0.2%
 Linearity: 0.1%
 Isolation Voltage: 2000V/min
 Power Supply: 24VDC ±10%

Standard Current Signal Isolation Module

A11NI11



Standard current signal isolation Module
 Input Signal: 0~10mA, 0~20mA, 4~20mA
 Output Signal: 0~10mA, 0~20mA, 4~20mA
 Accuracy: 0.2%
 Linearity: 0.1%
 Isolation Voltage: 2000V/min
 Power Supply: 24VDC ±10%

Standard Signal Isolation and Conversion Modules

A11CI11



Standard voltage/current signal isolation
 Input Signal: 0~5V, 0~10V, -5~+5V, -10~+10V
 Output Signal: 0~10mA, 0~20mA, 4~20mA
 Accuracy: 0.2%
 Linearity: 0.1%
 Isolation Voltage: 2000V/min
 Power Supply: 24VDC ±10%

A11CV11



Standard current/voltage signal isolation
 Input Signal: 0~10mA, 0~20mA, 4~20mA
 Output Signal: 0~5V, 0~10V, 1~5V
 Accuracy: 0.2%
 Linearity: 0.1%
 Isolation Voltage: 2000V/min
 Power Supply: 24VDC ±10%

Small- Signal Isolation, Amplification and Conversion Module

A11S11



Input Signal: 0~10mV, 0~30mV, 0~100mV, 0~300mV
Output Signal: 0~5V, 0~10V, 1~5V, 4~20mA
 Accuracy: 0.2%
 Linearity: 0.1%
 Isolation Voltage: 2000V/min
 Power Supply: 24VDC ±10%

AC Signal Isolation and Transmission Module

A11A11



Input Signal: 0~150VAC, 0~500VAC, 0~1000VAC
 0~A, 0~5A
Output Signal: 0~5V, 0~10V, 1~5V, 4~20mA
 Accuracy: 0.2%
 Linearity: 0.2%
 Isolation Voltage: 2000V/min
 Power Supply: 24VDC ±10%

DC High-Voltage Signal Isolation and Conversion Module

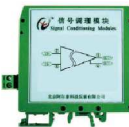
A11H11



Input Signal: 0~100V, 0~150V, 0~300V, 0~1000V
Output Signal: 0~5V, 0~10V, 0~20mA, 4~20mA
 Accuracy: 0.2%
 Linearity: 0.1%
 Isolation Voltage: 2000V/min
 Power Supply: 24VDC ±10%

Passive Isolation Module

A10N11



Input Signal: 4~20mA
Output Signal: 4~20mA
 Accuracy: 0.2%
 Isolation Voltage: 2000V/min
 Voltage Loss: 6V

Frequency Signal Isolation and Conversion Modules

A11FV11



Frequency/Voltage & Current signal isolation & Conversion module
Input Signal: 0~1KHz, 0~10KHz, 0~100KHz
Output Signal: 0~5V, 0~10V, 0~20mA, 4~20mA
 Accuracy: 0.1%
 Linearity: 0.06%
 Isolation Voltage: 2000V/min
 Power Supply: 24VDC ±10%

A11VF11



Voltage & Current/Frequency signal isolation & Conversion module
Input Signal: 0~5V, 0~10V, 0~20mA, 4~20mA
Output Signal: 0~1KHz, 0~10KHz, 0~100KHz
 Accuracy: 0.1%
 Linearity: 0.06%
 Isolation Voltage: 2000V/min
 Power Supply: 24VDC ±10%

On/Off Input and Output Modules

A11S/T



On/Off input module
Input Signal: 0~48V, 0~380V (AC and DC signal)
Output Signal: TTL
 Isolation Voltage: 3000V~min
 Power Supply: 24VDC ±10%

A11T/R



On/Off output module
Input Signal: TTL
Output Signal: Relay
 Isolation Voltage: 1500V/min
 Power Supply: 24VDC ±10%



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SIGNAL CONDITIONING MODULES

Sensor Signal Isolation and Transmission Module

A11T11



Thermocouple signal conditioning module
 Input Signal: B,R,S,K,E,J,T-type thermocouple
 Output Signal: 0~5V, 0~10V, 4~20mA, 0~20mA
 Accuracy: 0.2%
 Linearity: 0.1%
 Isolation Voltage: 2000V/min
 Power Supply: 24VDC ±10%
 Detection of thermocouple: Indicator

A11RTD11



Thermal resistance signal conditioning module
 Input Signal: Pt,Cu,Ni-type thermal resistance signal
 Output Signal: 0~5V, 0~10mA, 4~20mA, 0~20mA
 Accuracy: 0.2%
 Linearity: 0.1%
 Isolation Voltage: 2000V/min
 Input Method: 3-wire input (with a long-term compensation function)
 Power Supply: 24VDC ±10%

Sensor Signal Isolation and Transmission Module

A11P11



Potentiometer-type signal conditioning module
 Input Signal: 0~100, 0~1K, 0~5K, 0~10K (ohm)
 Output Signal: 0~5V, 0~10V, 4~20mA, 0~20mA
 Accuracy: 0.2%
 Linearity: 0.1%
 Isolation Voltage: 2000V/min
 Power Supply: 24VDC±10%

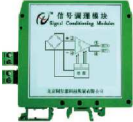
A11R11



Resistance signal conditioning module
 Input Signal: 0~100Ω, 0~1KΩ, 0~5KΩ, 0~10KΩ
 Output Signal: 0~5V, 0~10V, 4~20mA, 0~20mA
 Accuracy: 0.2%
 Linearity: 0.1%
 Isolation Voltage: 2000V/min
 Power Supply: 24VDC±10%

Sensor Signal Isolation and Transmission Module

A11B11



Strain bridge signal conditioning module
 Input Signal: Bridge signal
 Output Signal: 0~5V, 0~10V, 4~20mA, 0~20mA
 Isolation Voltage: 2000V/min
 Power Supply: 24VDC±10%

Signal Isolation Distribution (active single-entry and double-out)

A11EN12



DC signal isolation distribution module
 Input Signal: 0~500mV, 0~10V, 0~250V, 4~20mA
 Output Signal: 0~10V, 1~5V, 4~20mA
 Accuracy: 0.2%
 Isolation Voltage: 1500V/min
 Power Supply: 24VDC±10%

Signal Isolation Distribution module (active single-entry and double-out)

A11EA12



AC signal isolation distribution module
 Input Signal: 0~500mV, 0~10V, 0~100V, 0~5A
 Output Signal: 0~10V, 1~5V, 4~20mA
 Accuracy: 0.3%
 Isolation Voltage: 1500V/min
 Power Supply: 24VDC±10%

A10ET12



Thermocouple signal isolation distribution module
 Input Signal: B, R, S, K, E, J, T-type thermocouple
 Output Signal: 0~10V, 1~5V, 4~20mA
 Accuracy: 0.3%
 Isolation Voltage: 1500V/min
 Power Supply: 24VDC±10%

Signal Isolation Distribution module (active single-entry and double-out)

A11ERTD12



Thermal resistance signal isolation distribution module
 Input Signal: Pt, Cu, Ni-type thermal resistance
 Output Signal: 0~10V, 1~5V, 4~20mA
 Accuracy: 0.2%
 Isolation Voltage: 1500V/min
 Power Supply: 24VDC±10%

A11EP12



Potentiometer-type signal isolation distribution module
 Input Signal: 0~1KΩ, 0~5KΩ, 0~10KΩ
 Output Signal: 1~5V, 0~10V, 4~20mA
 Accuracy: 0.2%
 Isolation Voltage: 1500V/min
 Power Supply: 24VDC±10%

Signal Isolation Distribution module (active double-in and double-out)

A11EN22



DC signal isolation distribution module
 Input Signal: 0~500mV, 0~10V, 0~250V, 4~20mA
 Output Signal: 0~10V, 1~5V, 4~20mA
 Accuracy: 0.2%
 Isolation Voltage: 1500V/min
 Power Supply: 24VDC±10%



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