

## EXPANSION MODULES FOR PLC SERIES XC XINJE

### XC-E3AD4PT2DA



Analogue、 Temperature model name Principle:

XC — E 4AD 4DA 6PT 6TCA — P  
 ①    ②        ③        ④        ⑤        ⑥

- |                       |  |
|-----------------------|--|
| ① For Expansion       | E  |
| ② Analogue Input      | 4AD: 4CH analogue input<br>8AD: 8CH analogue input   |
| ③ Analogue Output     | 2DA: 2CH analogue output<br>4DA: 4CH analogue output |
| ④ PT100 Temperature   | 6PT: 6CH PT100                                       |
| ⑤ K type thermocouple | 6TCA: 6CH thermocouple input (V3.1 or above)         |
| ⑥ P、 I、 D tune        | P: with PID tune                                     |

**Features:**

3 channels of 14 bits precision current input, 4 channels of PT100 temperature input and 2 channels 10 bits precision voltage output  
 3 channels of current, 0~20mA and 4~20mA are optional; 2 channels of voltage, 0~5V and 0~10V are optional. They can be set by host machine  
 Platinum resistance input, PT100  
 3 channels A/D and 4 channels PT input with PID adjust function.  
 Can be set as special function module for XC series PLC, up to 7 modules can be connected.

**General specifications**

Item	Analog current input(AD)	Temperature input (PT)	Analog voltage output(DA)
Analog input	DC0~20mA, 4~20mA	PT100	-
Range of temperature detect	-	-100~350°C	-
Max output range	DC0~40mA	-	-
Range of analog output	-	-	DC0~5V, 0~10V (External load resistance 2KΩ~1MΩ)
Range of digital input	-	-	10 bits(0~1023)
Range of digital output	14 bits(0~16383)	-1000~3500	-
Resolution	1/16383(14Bit); Converted data are stored in PLC(14Bit) in hex form	0.1°C	1/1023(10Bit); Converted data are stored in PLC in hex form(10Bit)
PID output value	0~K4095	-	-
Integrated accuracy	0.8%	±0.5°C	0.8%
Convert speed	20ms/1 channel	-	3ms/1 channel
Power for analog	DC24V±10%, 100mA		
Installation	Fixed with M3 screws or directly installed in DIN46277(35mm width) guide rail		
External dimension	63mm×102mm×73.3mm		