

## XC-E3AD4PT2DA



### Product description

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℃              | -   |
| Max output range            | DC0~40mA  | -                      | -   |
| Range of analog output      | -   | -                      | DC0~5V、0~10V<br>(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℃                   | 1/1023(10Bit); Converted data are stored in PLC in hex form (10Bit) |
| PID output value            | 0~K4095   | -                      | -   |
| Integrated accuracy         | 0.8%  | ±0.5℃                  | 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   |                        |   |

### Dimension (Unit: mm)

