

## AI SERIES DIN RAIL MOUNTED MODULE WITH DIGITAL DISPLAY

### PRODUCT INTRODUCTION

D7/E7 DIN rail mounted module with digital display has installation width of only 22.5mm, which is designed for ten years life at least and three-year warranty. It is widely used in occasions that need to save space, to collect data and control temperature, pressure, humidity and etc.

### FUNCTIONS AND FEATURES

- With digital display and physical buttons, which allows data checking and operation setting on module.
- 22.5mm installation width, widely used in occasions that need to save space.
- Special custom LED display, perfect dual 4-digit display in limited space.
- Products designed for ten years life at least and three-year warranty.
- One channel L0 relay output and RS485 communication integrated, convenient for users.
- D7 Terminals for power and communication share one-wire port for plug and unplug.

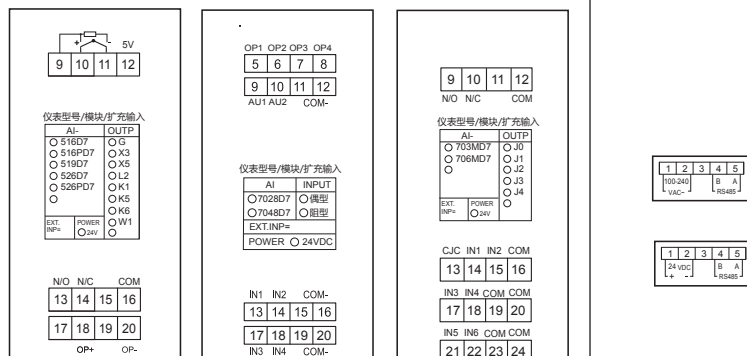


### MODEL SELECTION AND SPECIFICATIONS

Type	Model	Function Specifications
Single channel PID temperature controller	AI – 516D7 AI – 516E7	0.3%FS measuring accuracy, AIBUS/MODBUS dual communication protocol, modular OUTP optional: G, X5, L2, K1, K5, K6, W1
	AI – 516PD7 AI – 516PE7	based on AI-516D7/AI-516E7, 30 segments programmable function is added
	AI – 519D7 AI – 519E7	0.250.25%FS measuring accuracy, hand-auto switching, soft-start, AIBUS/MODBUS dual communication protocol, modular OUTP optional: G, X5, L2, K1, K5, K6, W1
	AI – 526D7 AI – 526E7	0.25%FS measuring accuracy, heating and cooling dual PID output, AIBUS/MODBUS dual communication protocol, modular OUTP optional: G, X5, L2, K1, K5, K6, W1
	AI – 526PD7 AI – 526PE7	based on AI-526D7/AI-526E7, 30 segments programmable function is added
Multi-channel PID temperature controller	AI – 7028D7 AI – 7028E7	2-channel PID temperature controller, 0.2%FS measuring accuracy, SSR output, thermocouple input(two-wire Pt100 customized)
	AI – 7048D7 AI – 7048E7	4--channel PID temperature controller, 0.2%FS measuring accuracy, SSR output, thermocouple input(two-wire Pt100 customized)
Multi-channel indicator	AI – 703MD7J0	3-channel indicator, 0.2%FS measuring accuracy, 3 channels three-wire Pt100 input, with subtraction and multiplication calculation functions
	AI – 706MD7J1	6-channel indicator, 0.2%FS measuring accuracy, 6 channels thermocouple input, with subtraction and multiplication calculation functions
	AI – 706MD7J2	6-channel indicator, 0.2%FS measuring accuracy, 6 channels two-wire Pt100 input, with subtraction and multiplication calculation functions
	AI – 706MD7J3	6-channel indicator, 0.2%FS measuring accuracy, 6 channels voltage input, with subtraction and multiplication calculation functions
	AI – 706MD7J4	6-channel indicator, 0.2%FS measuring accuracy, 6 channels current input,with subtraction and multiplication calculation functions

## DIMENSIONS

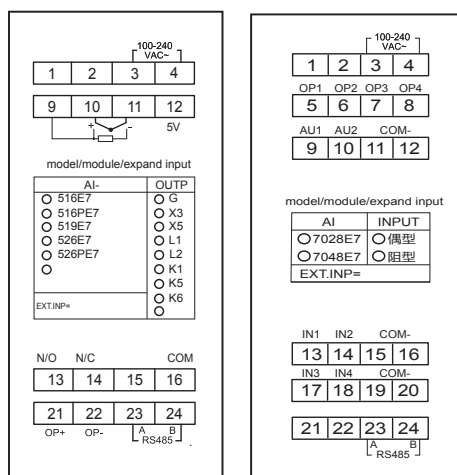
### D7 WIRING DIAGRAM (AI-516/516P, AI-519, AI-526/526P, AI-7028, AI-7048, AI-703M, AI-706M)



input and output wiring

power and communication

### E7 WIRING DIAGRAM (AI-516/516P, AI-519, AI-526/526P, AI-7028, AI-7048)



## 外形尺寸图:

