



AI-519

Economical
Versatile
Multi-Functional

Main Features

- ON/OFF or AIPID Control**
- Auto-Tune PID Function**
- RS-485 Communication**
- °C / °F Selectable**
- Soft Start Function**
- Auto / Manual Selectable**
- Alarm Block When Power On**
- Retransmission Signal**

Applications

- Industrial Ovens
- Plastics Industry
- Hot Stamping Machines
- Packing Equipment

Specification

Dimensions (W x H)

AI-519A/A2	96 x 96mm (A2:With O/P status light bar)
AI-519B	160 x 80mm
AI-519C/C3	80 x 160mm (C3: With O/P status light bar)
AI-519D2	48 x 48mm
AI-519D	72 x 72mm
AI-519F	96 x 48mm
AI-519E	48 x 96mm

Inputs	
Thermocouple	K, S, R, E, J, N
RTD	Cu50, Pt100
Linear Voltage	0~5V, 1~5V, 0~1V, 0~100mV, 0~20mV
Linear Current	0~10mA, 0~20mA, 4~20mA
Extended Input	0~20mA, 4~20mA
Control Outputs	
Relay	2A / 250V
SSR Drive	0 ~ 12VDC
Linear Current Output	0~20mA, 4~20mA
TRIAC (Single Phase)	Zero Crossing , Phase Shift
Alarm Outputs	Relay - 1A / 250V SSR Drive - 0 to 12VDC
Power Supply	100-240VAC (50/60Hz) or 24VDC
Accuracy	FS +/- 0.3%, Sample Time : 500ms
Resolution	0.0°C / 0.0°F, 0.000 A / V
Communication	RS-485