

KT2

Tiny size - pattern control



- 1/32 DIN size temperature controller
- Size 48x24x95.5mm (WxHxD)
- 9-step pattern control (ramp function)
- Panel-mounted type
- IP66 waterproof (front side if panel mounted)
- 2 set values possible (externally selectable)
- 2nd optional alarm output
- Heating and cooling control with 2nd optional control output (relay)
- Analogue value converter function

Product types

Base model	Power supply	Sensor input	Control output	Alarm output	Heating/cooling control	Heater burnout alarm	Communication function	Description
AKT2								48x24x98.5mm
	1							100 to 240VAC
	2							24VAC/DC
		1						Multi-input (thermocouple, RTD, DC current and DC voltage)
			1					Relay contact output 1a 3A 250VAC
			2					Non-contact voltage output (for SSR drive)
			3					Current output
				2	0	0	Blank	When neither the heating/cooling nor the communication function is added: Relay contact output (alarm 1): Can be used Open collector output (alarm 2): Can be used
				1	1	0	Blank	When only the heating/cooling function is added: Relay contact output (alarm 1): Cannot be used Open collector output (alarm 2): Can be used
				1	0	0	1	When only the communication function is added: Relay contact output (alarm 1): Can be used Open collector output (alarm 2): Cannot be used
				0	1	0	1	When both the heating/cooling and the communication functions are added: Relay contact output (alarm 1): Cannot be used Open collector output (alarm 2): Cannot be used

Note: When heating/cooling is selected, alarm output 1 cannot be used. When the communication function is selected, alarm output 2 cannot be used.

Model No.

(Ex) Model No. when the optional functions (of heating/cooling control: relay contact output + communications function) is added on to the basic model is as follows; Model No.: AKT21110101

The optional functions are only the following four patterns:

AKT2□1□200 Blank; AKT2□1□110 Blank; AKT2□1□1001; AKT2□1□0101

Options

Product name	Model No.
Shunt resistor (for current input)	AKT4810
Terminal cover	AKT2801

Note: When a current input is specified, a shunt resistor (sold separately) is required.