KT4

Small-sized standard type

- 1/16 DIN size temperature controller
- Size 48x48x95mm (WxHxD)
- Panel-mounted type
- IP66 waterproof (frontside if panel mounted)

- 2nd optional alarm output
- Heating and cooling control with 2nd optional control output (non-contact voltage output)

Product types

Base model	Power supply	Sensor input	Control output	Alarm output	Heating/cooling control	Heater burnout alarm	Commu-nication function	Description
AKT4								48x48x95mm
	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
				1				Relay contact output 1a (alarm output 1)
				2				Relay contact output 1a (alarm output 2)
					0			Not available
					4			SSR output 0.3A 250VAC (heating/cooling control not supported when alarm output 2 is selected)
						0		Not available
						1		5A (heater burn-out alarm not supported when control output is current output type/not supported when heating and cooling control is selected)
						2		10A (heater burn-out alarm not supported when control output is current output type/not supported when heating and cooling control is selected)
						3		20A (heater burn-out alarm not supported when control output is current output type/not supported when heating and cooling control is selected)
						4		50A (heater burn-out alarm not supported when control output is current output type/not supported when heating and cooling control is selected)
								Not available
							1	Available

1.) CT1 or CT2 for current detection is provided as an accessory when heater burn-out alarm function is added.
2.) Event output wil be shared if you choose alarm output 2 and the heater burn-out alarm.

Model No.

(Ex) Model No. when the optional functions (of heating/cooling control: SSR output + communications function) is added on to the basic model is as follows; Model No.: AKT41111401

Options

Product name	Model No.
Shunt resistor (for current input)	AKT4810
Terminal cover	AKT4801

Product name	Description	Model No.
Installation frame	For KT4, KT4H and KT4B	AKW4822

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