KT4H/4B

Small-sized standard type

- 1/16 DIN size temperature controller
- Size 48x48x62 (WxHxD)
- Panel-mounted type

- IP66 waterproof (frontside if panel mounted)
- 2nd optional alarm output
- Heating and cooling control with 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
AKT4H/-B								48 x 48 x 62mm
	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 (for SSR drive)
			3			0		DC current **Heater burn-out alarm not possible**
				1				1 point (1a)
				2	0			2 points (1a + 1a) **Heating/cooling control output not possible**
				0				Not available
					1	0		Relay contact **Heater burn-out alarm not possible**
					2	0		Non-contact voltage (for SSR drive) **Heater burn-out alarm not possible**
					0			Not available
			1 or 2		0	3		Single phase 20A (heater burn-out alarm not supported when control output is DC output type/not supported when heating and cooling control is selected)
			1 or 2		0	4		Single phase 50A (heater burn-out alarm not supported when control output is DC output type/not supported when heating and cooling control is selected)
			1 or 2		0	5		Three phase 20A (heater burn-out alarm not supported when control output is DC output type/not supported when heating and cooling control is selected)
			1 or 2		0	6		Three phase 50A (heater burn-out alarm not supported when control output is DC output type/not supported when heating and cooling control is selected)
							Blank	Not available
							1	Serial communication RS485
							2	Contact input

1.) CT1 or CT2 for current transformer is provided as an accessory when heater burn-out alarm function is added.
2.) Under some conditions, option functions (shaded items) may not be available; please check the description in the table above for details.

Model No.

(Ex) Model No. when the optional functions (heating/cooling control + communication function) are added on to the basic model is as follows; Model No.: AKT4H1111101 / AKT4B111100

Options

Product name	Model No.
Shunt resistor (for current input)	AKT4810
Terminal cover	AKT4H801
Tool cable	AKT4H820
Installation frame for KT4, KT4H/-B	AKW4822

Setting software

Product name	Description
KT monitor	Editing of all types of data, file saving, monitoring of readings, Saving of log files

Note: Please download user manual from our website.