KT9

Big and easily readable display

- 1/4 DIN size temperature controller
- Size 96 x 96 x 98.5mm (WxHxD)
- 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, non-contact voltage, or current)

Product Types

Base model	Power supply	Sensor input	Control output	Alarm output	Heating/ cooling control	Heater burn out alarm	Commu- nication function	Description
AKT9								96 x 96 x 98.5mm
	1							100 to 240VAC
	2							24VAC/DC
		1						Multi-input (thermocouple, RTD, DC current and DC voltage)
			1					Relay contact output 1a 1b 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
					1			Relay contact output 1a
					2			Non-contact voltage output (for SSR drive)
					3			Current output
						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.) If a communication function is added, second main setup is not possible.

Model No.

(Ex) Model No. when the optional functions (of alarm output; alarm output 2 + heating/cooling control: non-contact voltage output) are added on to the basic model is as follows; Model No.: AKT9111220

Options

Product name	Model No.
Shunt resistor (for current input)	AKT4810
Terminal cover	AKT9801

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