

1/32DIN (48x24mm)  
Digital Temperature Controllers

# SA200

W48 x H24 D100



white base

black base

## Main Features

- Red-Red LED available (SA201)
- Digital communication
- Self-tuning (active tuning)
- Heat/Cool control
- Alarm output
- Digital input
- Loop break alarm
- PV/SV display selectable
- IP66

Input	T/C, RTD DC voltage/current
Sampling	0.5 sec
Accuracy	±(0.3% of displayed value +1digit)
Control	PID control (heat/cool control available)
Output	M, V • "R" as option -
Communication	RS-485 (RKC/ANSI, Modbus) MapMan * DeviceNet * ProFibus * * External converter required.

## Major Applications

General purpose temperature control applications

Plastic, packaging, food, environmental, semiconductor industries

Socket mounting  
Digital Temperature Controller

# SA100

W48 x H48 D80



mounting socket  
is sold separately.



## Main Features

- Digital interface
- Self-tuning (adaptive tune)
- Heat/cool control
- Alarm output
- Analog output
- Digital input
- Loop break alarm
- PV/SV contents programmable

Input	T/C, RTD DC voltage/current
Sampling	0.5 sec
Accuracy	TC : ±(1% of displayed value +1digit) RTD: ±(0.3% of displayed value +1digit)
Control	PID control (heat/cool control available)
Output	M, V, R
Communication	RS-485 (RKC/ANSI, Modbus) MapMan * DeviceNet * PROFIBUS * * External converter required.

## Major Applications

In-panel mounting

\* Din-rail mount unit for heat, cool, heat/cool control, over-temperature protection