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Http://www.100y.com.tw

OMRON

E5CC/E5EC TEMPERATURE CONTROLLER

High performance with simplicity

SimpleType



» Unique performance in temperature control

» High-contrast display

» Easy set-up and operation

New Models with
Communications and
Other Features

realizing

The New E5CC and E5EC Next-generation Digital Controllers with Advanced Designs and Easy Operation

**White PV display and
new LCD with greatly
improved visibility.***

*100 times higher contrast ratio than the E5□Z.



A compact body with large display characters for easy reading even from a distance.
This helps to reduce human error.



The white LCD display is easy to read in the subdued lighting conditions.



The display remains easy to read even from wide viewing angles.

Following functions are now included!

- Communication (RS-485)
- Event input (E5CC 2 inputs, E5EC 4 inputs max)
- Heater burnout alarm

These new models greatly expand the range of application.

SimpleType



Save space!

The compact and space-saving design of the new E5CC/E5EC controller generation requires less space behind the panel (60 mm), allowing quick snap-mounting and easy installation even under very cramped conditions.



Five front keys

Units digit setting

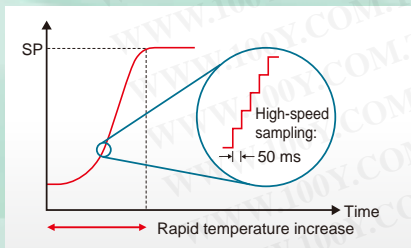
Tens digit setting

Smart!

With key features like simplicity in operation, Omron's patented PID control, and 50ms sampling period, the E5CC/E5EC sets a new standard in fast and precise temperature regulation.

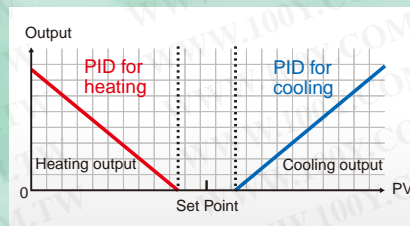
Sampling period:50ms

Sampling Rate Sufficient to Handle Rapid Increases in Temperature



Independent heating/cooling PID

The heating and cooling PID can each be set individually. Also, autotuning (AT) will automatically set the PID constants.



Setting change protection

You can disable key operations to help prevent incorrect setting change.



The E5CC and E5EC cover a wide range of applications.

Packaging machine (E5CC)



High-speed PID control: Sampling period of 50 ms
Upper/lower limit alarms: Two auxiliary outputs

Molding machine (E5EC)



Heating/cooling control: Independent PID control
Upper/lower limit alarms: Two auxiliary outputs

As Good as the E5□Z Series, And Even Better

Main Features

- Universal input: Thermocouple, Pt, or analog current/voltage
- Indication accuracy: $\pm 0.2\%$ (for PT input)
- PF key assignment can be changed (RUN/STOP, AT execution/STOP)

Ordering Information

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Simple Type E5□C-□□□□□□-800

E5CC 48x48mm

Control output 1	Auxiliary output	Communications	Heater burnout	Event inputs	Power supply voltage	Model
Relay output	Two	—	—	—	100 to 240 VAC	E5CC-RX2ASM-800
Voltage output						E5CC-QX2ASM-800
Current output						E5CC-CX2ASM-800
Relay output						E5CC-RX2DSM-800
Voltage output					E5CC-QX2DSM-800	
Current output					E5CC-CX2DSM-800	
Relay output					E5CC-RX2ASM-801	
Voltage output					E5CC-QX2ASM-801	
Relay output		E5CC-RX2DSM-801				
Voltage output		E5CC-QX2DSM-801				
Relay output		E5CC-RX2ASM-802				
Voltage output		E5CC-QX2ASM-802				
Relay output		E5CC-RX2DSM-802				
Voltage output		E5CC-QX2DSM-802				
Current output		E5CC-CX2ASM-804				
Current output		E5CC-CX2DSM-804				

E5EC 48x96mm

Control output 1	Control output 2	Auxiliary output	Communications	Heater burnout	Event inputs	Power supply voltage	Model
Relay output	—	Two	—	—	—	100 to 240 VAC	E5EC-RX2ASM-800
Voltage output	—						E5EC-QX2ASM-800
Current output	—						E5EC-CX2ASM-800
Relay output	Relay output						E5EC-RR2ASM-800
Voltage output	Relay output					E5EC-QR2ASM-800	
Current output	Relay output					E5EC-CR2ASM-800	
Relay output	—					E5EC-RX2DSM-800	
Voltage output	—					E5EC-QX2DSM-800	
Current output	—		E5EC-CX2DSM-800				
Relay output	Relay output		E5EC-RR2DSM-800				
Voltage output	Relay output		E5EC-QR2DSM-800				
Current output	Relay output		E5EC-CR2DSM-800				
Relay output	Relay output		E5EC-RR2ASM-808				
Voltage output	Relay output		E5EC-QR2ASM-808				
Relay output	Relay output		E5EC-RR2DSM-808				
Voltage output	Relay output		E5EC-QR2DSM-810				
Relay output	Relay output	E5EC-RR2ASM-810					
Voltage output	Relay output	E5EC-QR2ASM-810					
Current output	Relay output	E5EC-CR2ASM-804					
Current output	Relay output	E5EC-CR2DSM-804					

Line-Up Standard Type E5□C-□□□□□□-0□□

Standard Digital Controllers for Customers Wanting to Improve Productivity

Add Options for More Applications

RS-485 communications, event inputs, heater burnout alarms, remote SP, transfer output, and more.



Support Software for Increased Efficiency

The CX-Thermo enables simple setup by parameter comparison and table format settings.

Refer to the E5CC/E5EC Standard Type Datasheet (Cat. No. H177) for details.

Note: Refer to the E5CC/E5EC Simple Type Datasheet (Cat. No. H179) for details.

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