Product Category
Control Components
Temperature Controllers
General-purpose
E5CD / E5CD-B
E5ED / E5ED-B
E5GC
E5CC, E5CC-B, E5CC-U
E5EC, E5EC-B
E5AC
E5DC
E5CC-T
E5EC-T
E5AC-T
E5CB
E5CN-H
E5AN-H, E5EN-H
E5AR
E5ER
E5AR-T
E5ER-T
E5CS
E5CN-HT
E5AN-HT, E5EN-HT
E5CSV

Product Category
Cautions
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Digital Temperature Controller (48 x 48 mm)

# E5CD / E5CD-B



**48 x 48 mm. Optimize Control by Detecting Status Changes. Easily Satisfy Both Productivity and Quality.**

Item list of E5CD / E5CD-B

about this Product Family

Inquiry of this Product

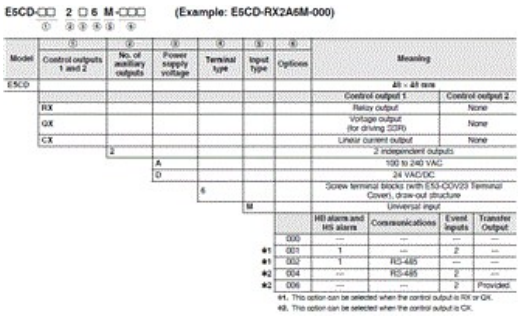
Related Contents
Common (4) (4)
Temperature Controllers (3) (3)

Features | Lineup | Specifications | Dimensions | Catalog

last update: October 2, 2017

## Model Number Legend

### Models with Screw Terminal Blocks




Please click image to enlarge (open in a new window).

Please click image to enlarge (open in a new window).

Please click image to enlarge (open in a new window).

## Heating and Cooling Control

### Using Heating and Cooling Control

(1) Control Output Assignment
An auxiliary output is used as the cooling control output.
(2) Control
If PID control is used, you can set PID control separately for heating and cooling.
This allows you to handle control systems with different heating and cooling response characteristics.

## List of Models

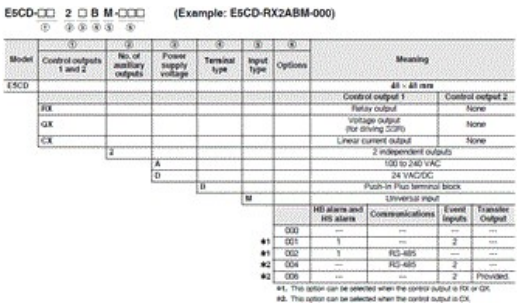
| Model |
|---|
| E5CD-RX2A6M-000 |
| E5CD-RX2D6M-000 |
| E5CD-RX2A6M-001 |
| E5CD-RX2D6M-001 |
| E5CD-RX2A6M-002 |
| E5CD-RX2D6M-002 |
| E5CD-QX2A6M-000 |
| E5CD-QX2D6M-000 |
| E5CD-QX2A6M-001 |
| E5CD-QX2D6M-001 |
| E5CD-QX2A6M-002 |
| E5CD-QX2D6M-002 |
| E5CD-CX2A6M-000 |
| E5CD-CX2D6M-000 |
| E5CD-CX2A6M-004 |

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| |
|---|
| E5CD-CX2D6M-004 |
| E5CD-CX2A6M-006 |
| E5CD-CX2D6M-006 |

## Model Number Legend

### Models with Push-In Plus Terminal Blocks




Please click image to enlarge (open in a new window).

Please click image to enlarge (open in a new window).

Please click image to enlarge (open in a new window).

## Heating and Cooling Control

### Using Heating and Cooling Control

(1) Control Output Assignment
An auxiliary output is used as the cooling control output.
(2) Control
If PID control is used, you can set PID control separately for heating and cooling.
This allows you to handle control systems with different heating and cooling response characteristics.

## List of Models

| Model |
|---|
| E5CD-RX2ABM-000 |
| E5CD-RX2DBM-000 |
| E5CD-RX2ABM-001 |
| E5CD-RX2DBM-001 |
| E5CD-RX2ABM-002 |
| E5CD-RX2DBM-002 |
| E5CD-QX2ABM-000 |
| E5CD-QX2DBM-000 |
| E5CD-QX2ABM-001 |
| E5CD-QX2DBM-001 |
| E5CD-QX2ABM-002 |
| E5CD-QX2DBM-002 |
| E5CD-CX2ABM-000 |
| E5CD-CX2DBM-000 |
| E5CD-CX2ABM-004 |
| E5CD-CX2DBM-004 |
| E5CD-CX2ABM-006 |
| E5CD-CX2DBM-006 |

## Optional Products (Order Separately)

### USB-Serial Conversion Cable

| Model |
|---|
| E58-CIFQ2 |

### Terminal Covers

(Cannot be used on a Push-In Plus terminal block type)

| Model |
|---|
| E53-COV17 |
| E53-COV23 (3pcs) * |

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Note:The E53-COV10 cannot be used. Refer to Data Sheet for the mounted dimensions.
*E53-COV23 are provided with the Digital Temperature Controller.

### Waterproof Packing

| Model |
|---|
| **Y92S-P8** |

Note:This Waterproof Packing is provided with the Digital Temperature Controller.

### Current Transformers (CTs)

| Hole diameter | Model |
|---|---|
| 5.8 mm | **E54-CT1** |
| 5.8 mm | **E54-CT1L*** |
| 12.0 mm | **E54-CT3** |
| 12.0 mm | **E54-CT3L*** |

*Lead wires are included with these CTs. If UL certification is required, use these CTs.

### Adapter

| Model |
|---|
| **Y92F-45** |

Note:Use this Adapter when the panel has already been prepared for an E5B[] Controller.

### Waterproof Cover

| Model |
|---|
| **Y92A-48N** |

### Mounting Adapter

| Model |
|---|
| **Y92F-49** |

Note:This Mounting Adapter is provided with the Digital Temperature Controller.

### DIN Track Mounting Adapter

(Cannot be used on a Push-In Plus terminal block type)

| Model |
|---|
| **Y92F-52** |

### Front Covers

| Type | Model |
|---|---|
| Hard Front Cover | **Y92A-48H** |
| Soft Front Cover | **Y92A-48D** |

### Draw-out Jig

(Cannot be used on a Push-In Plus terminal block type)

| Model |
|---|
| **Y92F-58** |

### CX-Thermo Support Software

| Model |
|---|

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| EST2-2C-MV4 |
| --- |

Note:CX-Thermo version 4.66 or higher is required for the E5CD.
CX-Thermo version 4.67 or higher is required for the E5CD-B.
For the system requirements for the CX-Thermo, refer to information on the EST2-2C-MV4.

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