

Optional Products (Order Separately)

USB-Serial Conversion Cable

Model
E58-CIFQ2

Terminal Covers (for E5CC)

Model
E53-COV17
E53-COV23 (3pcs)

Note: The E53-COV10 cannot be used.
Refer to page 33 for the mounted dimensions.

Waterproof Packing

Model
Y92S-P8

Note: The Waterproof Packing is provided only with E5CC/E5CC-B Controllers.
The E5CC-U cannot be waterproofed even if the Waterproof Packing is attached.

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 (for E5CC)

Model
Y92F-52

Sockets (for E5CC-U)

Type	Model
Front-connecting Socket	P2CF-11
Front-connecting Socket with Finger Protection	P2CF-11-E
Back-connecting Socket	P3GA-11
Terminal Cover for Back-connecting socket with Finger Protection	Y92A-48G

Front Covers

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

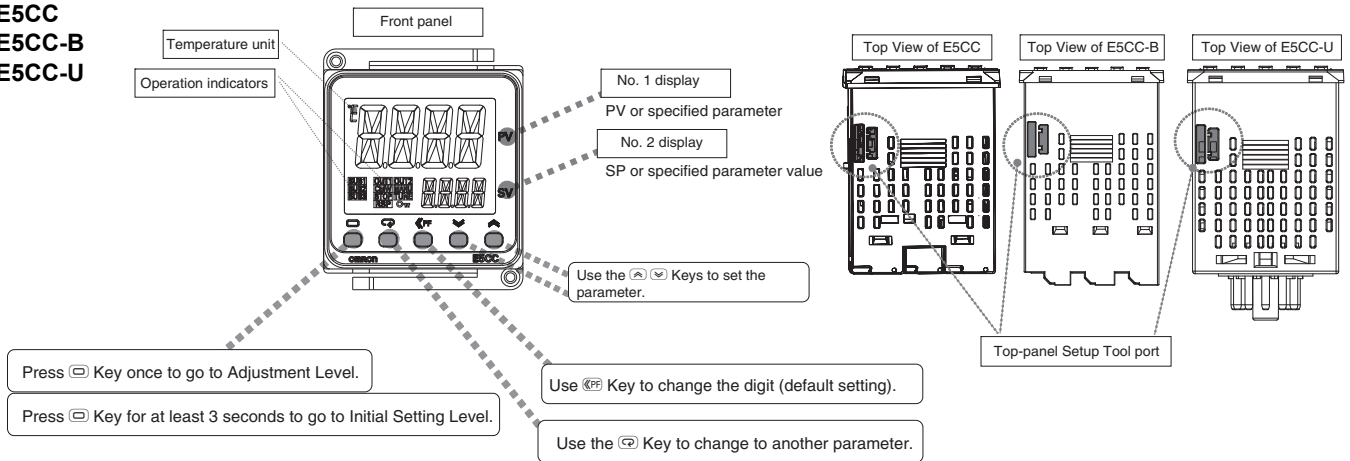
CX-Thermo Support Software

Model
EST2-2C-MV4

Note: CX-Thermo version 4.5 or higher is required for the E5CC.
CX-Thermo version 4.61 or higher is required for the E5CC-U.
CX-Thermo version 4.65 or higher is required for the E5CC-B.
CX-Thermo version 4.67 or higher is required for the E5CC-B linear current output type.
For the system requirements for the CX-Thermo, refer to information on the EST2-2C-MV4 on the OMRON website (www.ia.omron.com).

Nomenclature

E5CC
E5CC-B
E5CC-U

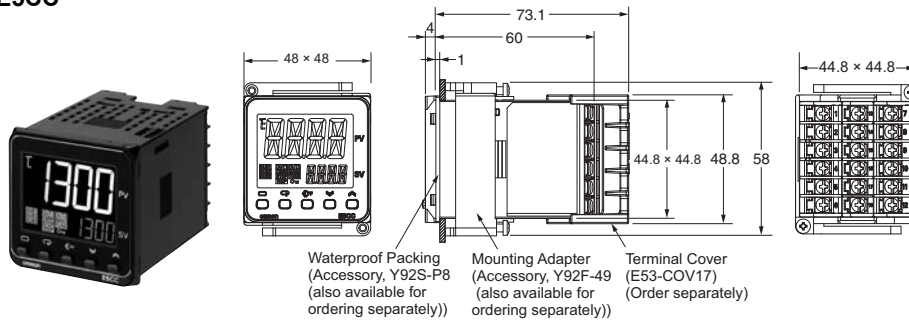


Dimensions

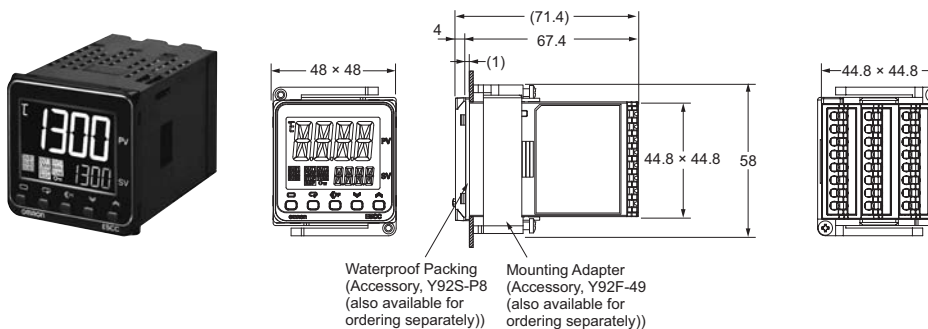
(Unit: mm)

Controllers

E5CC



E5CC-B



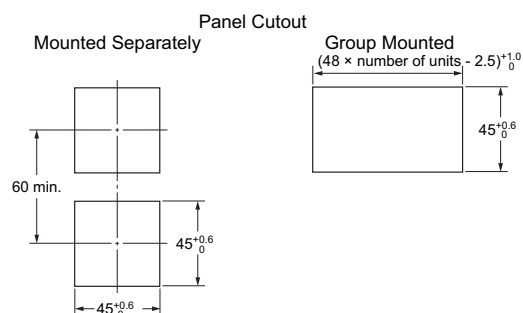
The Setup Tool port is on the top of the Temperature Controller.

It is used to connect the Temperature Controller to the computer to use the Setup Tool.

The E58-CIFQ2 USB-Serial Conversion Cable is required to make the connection.

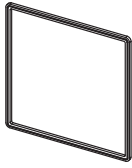
Refer to the instructions that are provided with the USB-Serial Conversion Cable for the connection procedure.

Note: Do not leave the USB-Serial Conversion Cable connected when you use the Temperature Controller.



- Recommended panel thickness is 1 to 5 mm.
- Group mounting is not possible in the vertical direction. (Maintain the specified mounting space between Controllers.)
- To mount the Controller so that it is waterproof, insert the waterproof packing onto the Controller.
- When two or more Controllers are mounted, make sure that the surrounding temperature does not exceed the allowable operating temperature specified in the specifications.
- Use a control panel thickness of 1 to 3 mm if the Y92A-48N and a USB-Serial Conversion Cable are used together.

Waterproof Packing Y92S-P8 (for DIN 48 × 48)



The Waterproof Packing is provided only with the E5CC/E5CC-B.
It is not included with the E5CC-U.

Order the Waterproof Packing separately if it becomes lost or damaged.

The Waterproof Packing can be used to achieve an IP66 degree of protection.

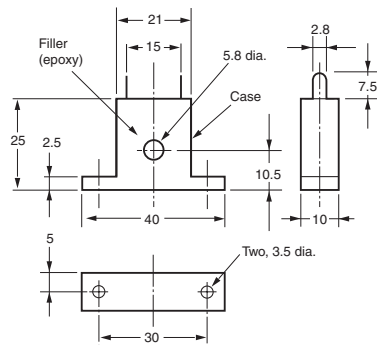
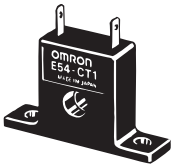
(Deterioration, shrinking, or hardening of the waterproof packing may occur depending on the operating environment. Therefore, periodic replacement is recommended to ensure the level of waterproofing specified in IP66. The time for periodic replacement depends on the operating environment. Be sure to confirm this point at your site.)

Consider three years as a rough standard.)

The E5CC-U cannot be waterproofed even if the Waterproof Packing is attached.

Current Transformers

E54-CT1



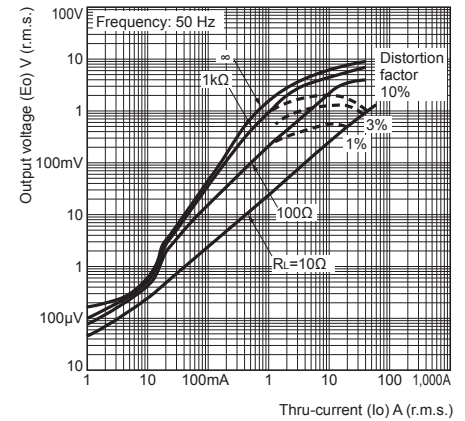
Thru-current (I_o) vs. Output Voltage (E_o) (Reference Values)

E54-CT1 or E54-CT1L

Maximum continuous heater current: 50 A (50/60 Hz)

Number of windings: 400±2

Winding resistance: 18±2 Ω



E54-CT1L

