

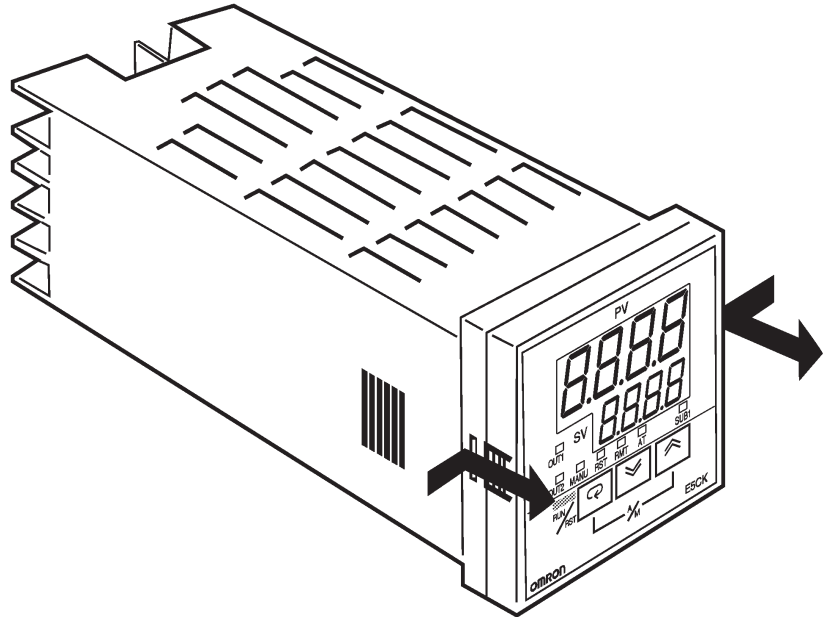
# Setup

The following section describes how to draw out the internal mechanism from the housing and how to set the input type jumper.

## Draw-out

Draw out the internal mechanism from the housing.

- (1) Press in both of the hooks on the left and right sides of the front panel to unlock the internal mechanism from the housing.

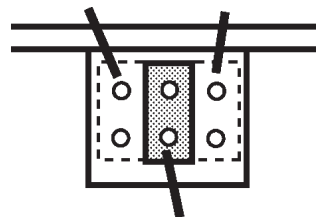


- (2) Draw out the internal mechanism towards you holding both sides of the front panel.

## Setting the input type jumper

- For details on where the input type jumper is located, see the figure on Section 1-1.
- Set the jumper to one of temperature input, voltage input or current input matched to the type of sensor connected to the input terminal.

I : Current input      V : Voltage input



TC/PT : Temperature input

- The input type jumper is factory-set to “TC/PT (temperature input)”.
- When you disconnect or insert the input type jumper, do not hold it directly by its pins.
- When you have finished setting the input type jumper, insert the internal mechanism back into the housing.
- To do this, push in the internal mechanism until you hear the hooks on the front panel snap into place.

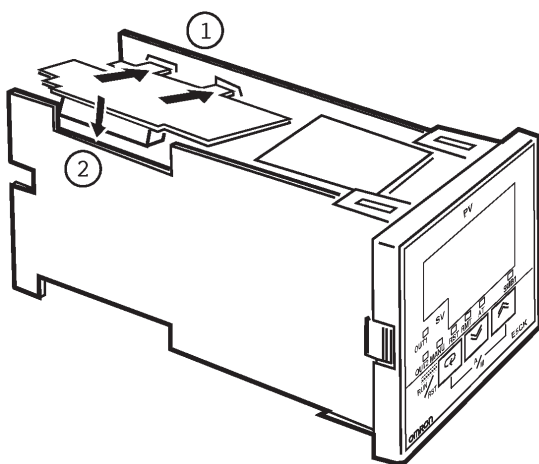
## Setting up the output unit

### Output unit list

The following table shows the output units that can be set in the E5CK controller.

Model	Specifications (control output 1/control output 2)
E53-R4R4	Relay/Relay
E53-Q4R4	Voltage (NPN)/Relay
E53-Q4HR4	Voltage (PNP)/Relay
E53-C4R4	4 to 20 mA/Relay
E53-C4DR4	0 to 20 mA/Relay
E53-V44R4	0 to 10 V/Relay
E53-Q4Q4	Voltage (NPN)/Voltage (NPN)
E53-Q4HQ4H	Voltage (PNP)/Voltage (PNP)

### Setup



- (1) Two rectangular holes for slotting are provided on the power board (on right side of controller). Fit the two protrusions on the output unit into these two holes.
- (2) With the output unit fitted into the power board, fit the output unit into the connection on the control board (on left side of controller).

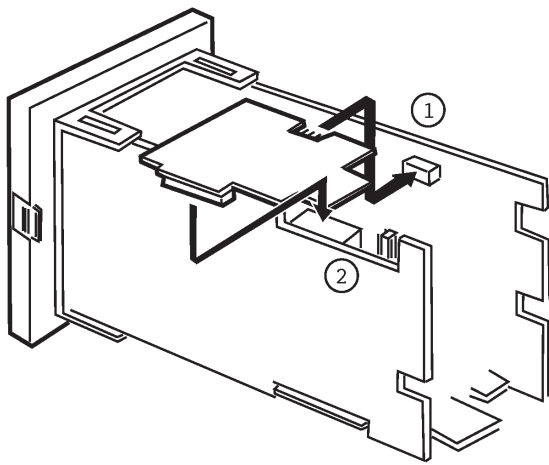
## Setting up the option unit

### Option unit list

The following table shows the option units that can be connected to the E5CK controller.

Unit	Model	Specifications
Communications unit	E53-CK01	Communications (RS-232C)
Communications unit	E53-CK03	Communications (RS-485)
Input unit	E53-CKB	Event input: 1 input
Communications unit	E53-CKF	Transfer output: 4 to 20 mA

### Setup



- (1) Place the controller with its bottom face up, and fit the board horizontally into connector on the power board (on right side of controller).
- (2) With the power board connected, fit board vertically into the connector on control board (on left side of controller)