

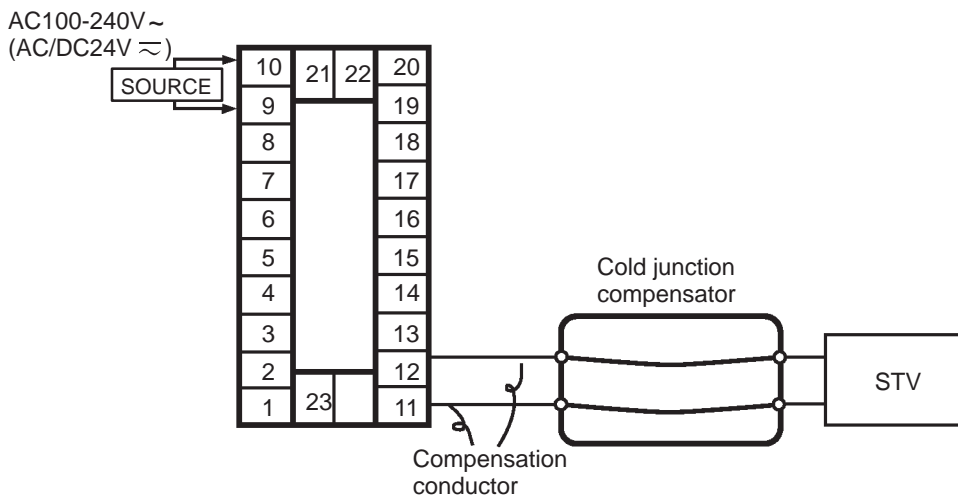
# Checking Indication Accuracy

## Checking indication accuracy

- After calibrating input, be sure to check indication accuracy to make sure that the E5EK-T controller has been correctly calibrated.
- Operate the E5EK-T controller in the PV/Present SP monitor (level 0 mode) mode.
- Check the indication accuracy at the upper and lower limits and midpoint.

## Thermocouple

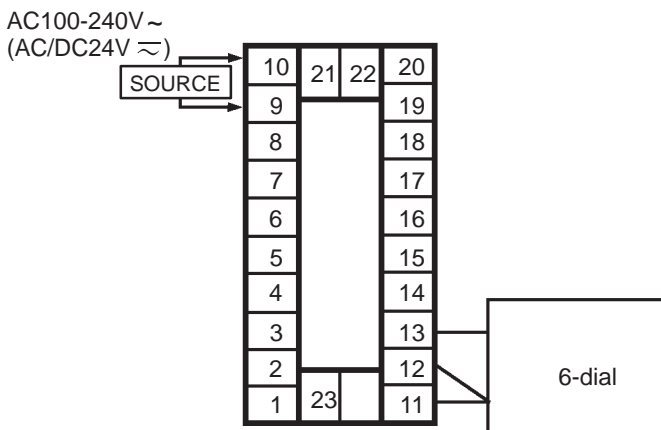
- Preparation  
The following figure shows the required device connection. Make sure that the E5EK-T controller and cold junction compensator are connected by a compensating conductor for the input type (thermocouple) that is to be used during actual operation.



- Operation  
Make sure that the cold junction compensator is at 0°C, and set STV output to the voltage equivalent to the starting power of the check value.

## Platinum resistance thermometer

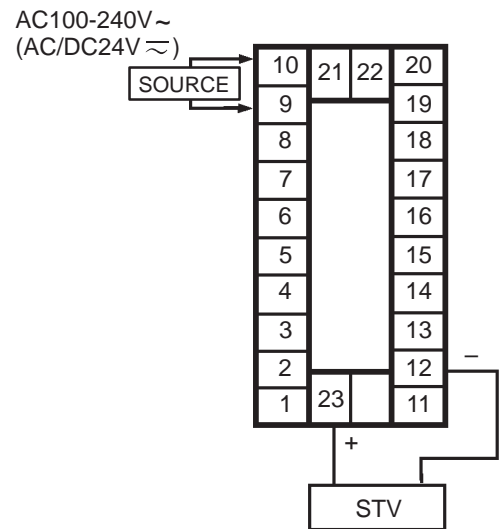
- Preparation  
The following figure shows the required device connection.



- Operation  
Set the 6-dial to the resistance equivalent to the check value.

Current input

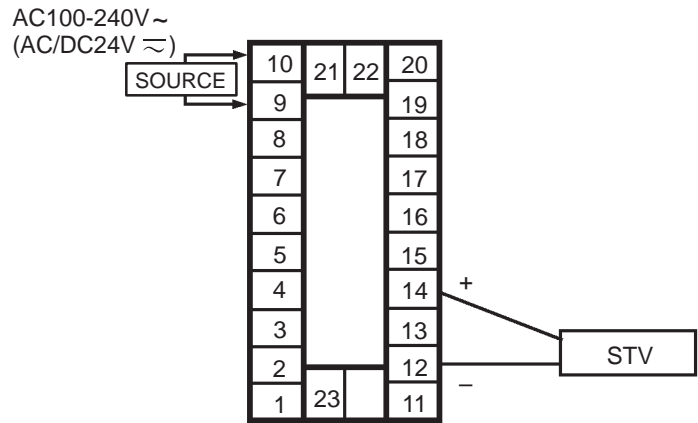
- Preparation  
The following figure shows the required device connection.



- Operation  
Set the STV to the current value equivalent to the check value.

Voltage input

- Preparation  
The following figure show the required device connection.



- Operation  
Set the STV to the voltage value equivalent to the check value.