

# How to Use the Error Output

The E5CK-T controller allows you to assign error output to terminals as outputs.

For details on output assignments, see 3–3 Setting Output Specifications .

## **LBA**

- LBA (Loop Break Alarm) can be used as a means for detecting loop breaks when the control loop is not functioning normally. For details, see 4–8 LBA.
- LBA allows you to detect the following errors:
  - (1) Output error (contact weld, damaged transistors, etc.)
  - (2) Sensor error (constant input values, etc.)
- If you use the LBA function, set the loop break detection time matched to the control characteristics in the “LBA detection time” parameter (level 2 mode).

## **Input errors**

- If you assign error 1 as the output, an error can be output to auxiliary output 1 when input is in error. When this error occurs, remedy by following the description for “Input error”.

## **A/D converter error**

- If you assign error 2 as the output, an error can be output to auxiliary output 1 when the A/D converter is in error. When this error occurs, remedy by following the description for “A/D converter error”.