

How to Use the Error Output

The E5AK-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 Section 4–10 LBA
- LBA allows you to detect the following errors:
 - (1) Heater burnout (HBA)
 - (2) Output error (contact weld, damaged transistors, etc.)
 - (3) 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 or auxiliary output 2 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 or auxiliary output 2 when the A/D converter is in error. When this error occurs, remedy by following the description for “A/D converter error”.