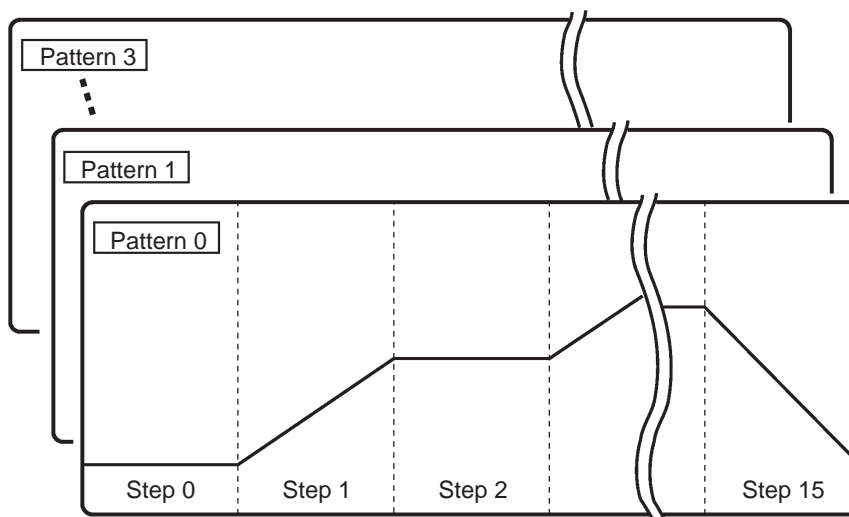


Program

How programs are structured

E5EK-T allows you to configure programs made up of a maximum of four patterns (pattern 0 to 3).

The number of steps (16 maximum) in each pattern can be specified in parameters.



- Generally, the “time setup method” is used to configure programs. By this method, set points at each step and time are used as program elements. However, the “ramp rise rate setup method” can also be used. By this method, the set point, ramp time and soak times are used as program elements.

Program operation

- Generally, the target patterns are specified before the program is executed.
- In parameter setup, you can specify repeated execution of the same pattern (Repeat) or consecutive execution of all patterns 0 to 3 (Run all).

Step operation

- During program operation, steps can be skipped (Advance) and the control monitoring can be paused (Hold).

Wait operation

- When the wait width is specified in parameter setup, the program does not go to the next step and waits until the PV reaches the specified time (wait width) at the end of each step.

Alarm output

- Alarms that are assigned as outputs operate referenced to the alarm values preset to each pattern.

Program output

- Time signals, program end and stage output can be output according to output assignment.
- ON/OFF signals are output as time signals according to the timer that takes a specified step as its start point.