

Setting Running Conditions

Operation at power ON

- You can select from one of the following operations at power ON: Continue, Reset, Run, Manual
- If you select “Continue,” operation is started from the state that was active when power was interrupted.
- If you select “Reset,” the controller is reset.
- If you select “Run,” normal program operation is started.
- If you select “Manual,” the controller enters the manual mode.
- The following table shows the relationship between operation at power ON and the operation details that are stored to memory when a power interruption occurs.

| | Contin- ue | Reset | Run | Manual |
|-------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Pattern No. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Step No. | <input type="radio"/> | - | - | <input type="radio"/> |
| Pattern elapsing time | <input type="radio"/> | - | - | <input type="radio"/> |
| Pattern execution count | <input type="radio"/> | - | - | <input type="radio"/> |
| Hold status | <input type="radio"/> | - | - | <input type="radio"/> |
| Auto/Manual | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | - |
| Run/Reset | <input type="radio"/> | - | - | <input type="radio"/> |
| MV at reset *1 | <input type="radio"/> | - | - | <input type="radio"/> |
| Manual MV *2 | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

*1 During auto mode at power interruption on a standard type controller

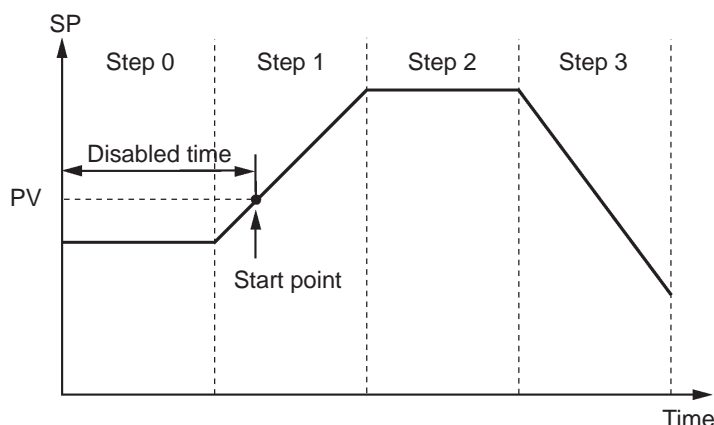
*2 During manual mode at power interruption on a standard type controller

- Set the desired operation in the “operation at power ON” parameter (expansion mode). Default is [F07 : Continue].

Starting the program run

PV start

- When the program is configured by the time setup method, a ramp-priority “PV start” can be selected as one of the run start conditions. If you select “PV start” in the “PV start” parameter (expansion mode), program operation is started from the position of the SP that first matches the PV when program run is started. If the SP does not match the PV, the program run is started from the beginning.



Standby operation

End condition

- After the run instruction, the controller is reset until the standby time elapses.
- Set the standby time in the “standby time” parameter (level 2 mode) within the range 0.00 to 99.59 (hours:minutes). Defaults is “0.00”.
- After end of operation, the controller normally is reset. However, control can be continued on the SP of the final step by setting the “end condition” parameter (expansion mode). If the “end condition” is set, the SP of the final step and [P.End] appears alternately on the No.2 display.
- When the “number of steps” parameter is changed after operation has ended, the controller state does not change state. However, if control with respect to the SP is continued, the SP switches to the new value of the final step.

Parameters

| Symbol | Parameter Name: Mode | Description |
|--------|-----------------------------------|-----------------------------------|
| P-on | Operation at power ON : Expansion | Operation when power is turned ON |
| PvSt | PV start : Expansion | Start of program run |
| Stb | Standby time : Level 2 | Start of program run |
| ESet | End condition : Expansion | Operation end program run |