

Setting devices (excluding annunciator)

SET

FX5S FX5UJ FX5U FX5UC

The status of the device specified by (d) changes as follows when the execution command turns ON.

- Bit device: Turns the coils and contacts ON.
- Bit specification of word device: Set the specified bit to 1.

Ladder diagram	Structured text
	ENO:=SET(EN,d);
FBD/LD	

Setting data

■ Descriptions, ranges, and data types

Operand	Description	Range	Data type	Data type (label)
(d)	Bit device number/ Bit specification of word device to be set (turns ON)	—	Bit	ANY_BOOL
EN	Execution condition	—	Bit	BOOL
ENO	Execution result	—	Bit	BOOL

■ Applicable devices

Operand	Bit	Word			Double word		Indirect specification	Constant			Others (DY)
		X, Y, M, L, SM, F, B, SB, S	T, ST, C, D, W, SD, SW, R	U□\G□	Z	LC		K, H	E	\$	
(d)	○ ^{*1}	○ ^{*2}	○ ^{*3}	—	—	—	—	—	—	—	○

*1 When using F, refer to Page 145.

*2 T, ST, and C cannot be used.

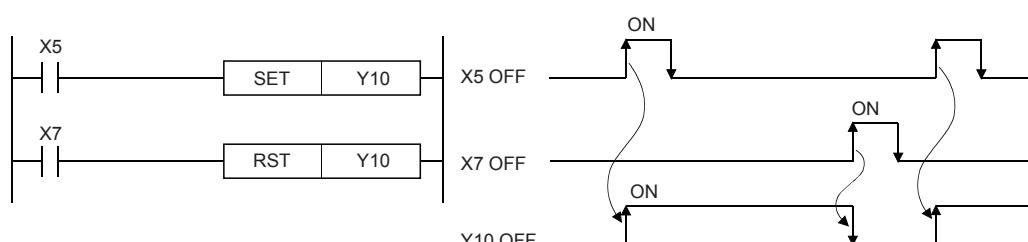
*3 Only the FX5 intelligent function module can be used.

Processing details

- The status of the specified device changes as follows when the execution command turns ON.

Device	Device status
Bit devices	Turns coils and contacts ON.
Bit specification of word device	Sets the specified bit to 1.

- A device that is turned ON is held on even if the execution command turns OFF. Devices that are turned ON by the SET instruction can be turned OFF by the RST instruction.



- When the execution command is OFF, the device status does not change.

Precautions

When the SET and RST instructions are executed on the same output relay (Y), the result of the instruction nearer the END instruction (end of program) is output.

Operation error

There is no operation error.