

Activating/deactivating a step

OUT [S□/BL□\S□]

FX5S

FX5UJ

FX5U

FX5UC

This instruction activates or deactivates the specified step.

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

Setting data

■Descriptions, ranges, and data types

Operand	Description	Range	Data type	Data type (label)
(d)	Specified step No. to be activated or deactivated (Bit device No. to be set (on)/reset (off))	—	Bit	ANY_BOOL
EN	Execution condition	—	Bit	BOOL
ENO	Execution result	—	Bit	BOOL

■Applicable devices

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

*1 Only S can be used.

*2 Indexing is not available.

Processing details

- When the drive contact is on, this instruction activates the specified step in the specified block. Same as the operation by the SET instruction (SET S□/BL□\S□). (Page 976 Activating a step)
- When the drive contact is off, this instruction deactivates the specified step in the specified block. That is the same operation executed by the RST instruction (RST S□/BL□\S□). (Page 978 Deactivating a step) (However, when the instruction is executed within the action, the instruction is ignored. That is the different operation executed by the RST instruction.)

Operation error

Error code (SD0/SD8067)	Description
31A1H	The specified block does not exist.
	The control target block does not exist. (SET/RST/OUT S□)
31A2H	When a block No. is specified, the specified block No. is out of the range of 0 to 31.
31B1H	The instruction is executed when no SFC program (Start/stop SFC program) exists or SM321 is off.
	No specified step exists in the specified block. (SET/RST/OUT BL□\S□/S□)
31B2H	The specified step No. is out of the range (0 to 511).
31B5H	The current step is specified within the action.
3582H	The SFC control instruction is used in the interrupt routine program.