

7.4 Bit Processing Instructions

Setting a bit in the word device

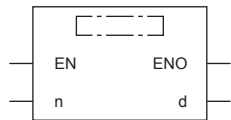
BSET(P)

FX5S FX5UJ FX5U FX5UC

These instructions set (to 1) (n)th bit of word device specified by (d).

Ladder diagram	Structured text
	ENO:=BSET(EN,n,d); ENO:=BSETP(EN,n,d);

FBD/LD



Setting data

■Descriptions, ranges, and data types

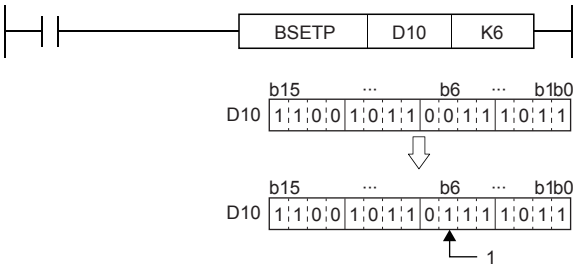
Operand	Description	Range	Data type	Data type (label)
(d)	Head device for which bit is to be set	—	16-bit signed binary	ANY16
(n)	Number of bit(s) to be set	0 to 15	16-bit unsigned binary	ANY16
EN	Execution condition	—	Bit	BOOL
ENO	Execution result	—	Bit	BOOL

■Applicable devices

Operand	Bit	Word			Double word		Indirect specification	Constant			Others
	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)	○	○	○	○	—	—	○	—	—	—	—
(n)	○	○	○	○	—	—	○	○	—	—	—

Processing details

- These instructions set (to 1) (n)th bit of word device specified by (d).
- If (n) exceeds 15, the processing will be done based on the lower 4 bits of (n).



Operation error

There is no operation error.