

Transferring n-bit data

BLKMOVB(P)

FX5S FX5UJ FX5U FX5UC

These instructions block transfer the bit data of (n) point(s) from the device specified by (s) to the bit data of (n) point(s) from the device specified by (d).

Ladder diagram	Structured text
	ENO:=BLKMOVB(EN,s,n,d); ENO:=BLKMOVBP(EN,s,n,d);
FBD/LD	

Setting data

■ Descriptions, ranges, and data types

Operand	Description	Range	Data type	Data type (label)
(s)	Head device for storing the transfer-source bit data	—	Bit	ANY_BOOL
(d)	Head device for storing the transfer-destination bit data	—	Bit	ANY_BOOL
(n)	Number of transfers	0 to 65535	16-bit unsigned binary	ANY16
EN	Execution condition	—	Bit	BOOL
ENO	Execution result	—	Bit	BOOL

■ Applicable devices

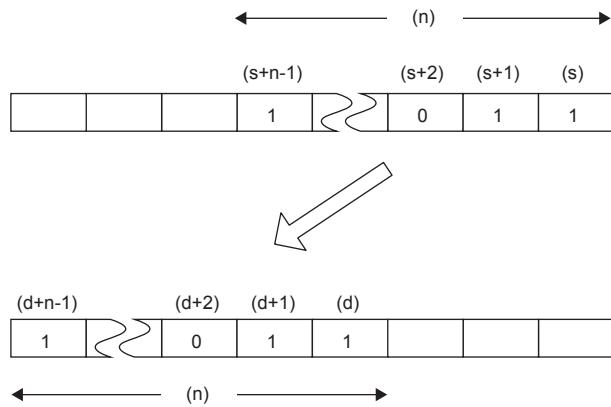
Operand	Bit	Word			Double word		Indirect specification	Constant			Others
		X, Y, M, L, SM, F, B, SB, S	T, ST, C, D, W, SD, SW, R	U□\G□	Z	LC	LZ	K, H	E	\$	
(s)	○	○ ^{*1}	○ ^{*2}	—	—	—	—	—	—	—	—
(d)	○	○ ^{*1}	○ ^{*2}	—	—	—	—	—	—	—	—
(n)	○	○	○	○	—	—	○	○	—	—	—

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

*2 For the supported version, refer to Page 1452 Added and Changed Functions.

Processing details

- These instructions block transfer the bit data of (n) point(s) from the device specified by (s) to the bit data of (n) point(s) from the device specified by (d).
- Data can be transferred even when the device range of the transfer-source device and transfer-destination device is overlapping.



Operation error

Error code (SD0/SD8067)	Description
2820H	The range of (n) point(s) of data starting from the device specified by (s) and (d) exceed the corresponding device range.
3420H	A module access device is specified for both (s) and (d).