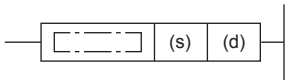
Inverting and transferring 32-bit data

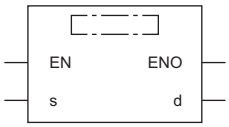
DCML(P)

FX5S FX5UJ FX5U FX5UC

These instructions invert each bit of the 32-bit binary data in the device specified by (s), and transfer the result to the device specified by (d).

Ladder diagram	Structured text
	ENO:=DCML(EN,s,d); ENO:=DCMLP(EN,s,d);

FBD/LD



Setting data

■Descriptions, ranges, and data types

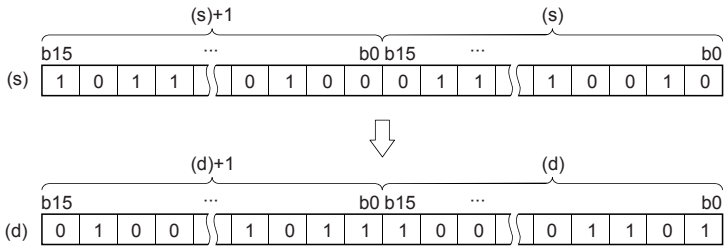
Operand	Description	Range	Data type	Data type (label)
(s)	Data to be inverted or device number in which data is stored	-2147483648 to +2147483647	32-bit signed binary	ANY32
(d)	Device number for storing the inversion result	—	32-bit signed binary	ANY32
EN	Execution condition	—	Bit	BOOL
ENO	Execution 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)	○	○	○	○	○	○	○	○	—	—	—
(d)	○	○	○	○	○	○	○	—	—	—	—

Processing details

- These instructions invert each bit of the 32-bit binary data in the device specified by (s), and store the result in the device specified by (d).



Operation error

There is no operation error.