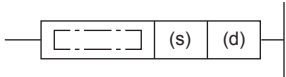
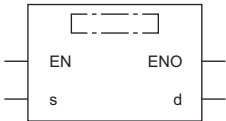


Returning the selected data of the index register and long index register

ZPOP(P)

FX5S**FX5UJ****FX5U****FX5UC**

These instructions read the data saved in the devices specified by (d) and later to index registers and long index registers.

Ladder diagram	Structured text
	ENO:=ZPOP_2(EN,s,d); ENO:=ZPOPP_2(EN,s,d);
FBD/LD	
 <p>("ZPOP_2, ZPOPP_2" enters □.)</p>	

Setting data

■Descriptions, ranges, and data types

Operand	Description	Range	Data type	Data type (label)
(s)	Dummy	—	16-bit unsigned binary	ANY16
(d)	Head device number for returning the data of index registers	—	16-bit signed 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)	○	○	—	○	—	—	○	○	—	—	—
(d)	—	○	—	—	—	—	○	—	—	—	—

Processing details

- These instructions read the data saved in the devices specified by (d) and later to index registers and long index registers.
- When the saved contents of the index registers and long index registers are read, "1" is subtracted from (d).
- The data specified by (s) is regarded as dummy data and ignored.

Operation error

Error code (SD0/SD8067)	Description
2820H	The range of points used in (d) or later exceeds the range of the target device/label area.
3405H	(d) is 0 or negative.