

Batch-resetting bit devices

BKRST(P)

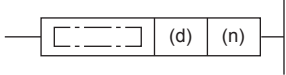
FX5S

FX5UJ

FX5U

FX5UC

These instructions reset (n) point(s) bit devices from the bit device specified by (d).

Ladder diagram	Structured text
	<pre>ENO:=BKRST(EN,n,d); ENO:=BKRSTP(EN,n,d);</pre>

FBD/LD


Setting data

■Descriptions, ranges, and data types

Operand	Description	Range	Data type	Data type (label)
(d)	Head device to be reset	—	Bit	ANY_BOOL
(n)	Number of devices to be reset	—	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 reset (n) point(s) bit devices from the bit device specified by (d).
- Reset status of bit device is as follows.

Device	Status
Annunciator (F)	<ul style="list-style-type: none"> • (n) point(s) from annunciator (F) number specified by (d) are turned OFF. • Annunciator numbers from SD64 to SD79 that were turned OFF are deleted and the subsequent numbers are shifted forward. • The number of annunciators stored in SD64 to SD79 is stored in SD63.
Timer (T), Counter (C)	<ul style="list-style-type: none"> • Current value of (n) point(s) from timer (T) or counter (C) number specified by (d) is set to 0, and coil contact is turned OFF.
Bit devices other than given above	<ul style="list-style-type: none"> • Coils and contacts of (n) point(s) from the device specified by (d) are turned OFF.

- If specified devices are OFF, device status remains unchanged.

Operation error

Error code (SD0/SD8067)	Description
2820H	(n) point(s) of data starting from the device specified by (d) exceed the corresponding device range.