

Converting time data from seconds to hour/minute/second in 16 bits

STOH(P)

FX5S FX5UJ FX5U FX5UC

These instructions convert the 16-bit time value in seconds stored in the device numbers starting from (s) to the time value in the HHMMDD format, and store the converted data in the device numbers starting from (d).

Ladder diagram

Structured text

ENO:=STOH(EN,s,d);
ENO:=STOHP(EN,s,d);

FBD/LD

Setting data

■Descriptions, ranges, and data types

Operand	Description	Range	Data type	Data type (label)
(s)	Head device number where the clock data before conversion is stored	—	16-bit signed binary	ANY16
(d)	Head device number where the clock data after conversion is stored	—	16-bit signed binary	ANY16_ARRAY (Number of elements: 3)
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)	○	○	○	—	—	—	○	—	—	—	—

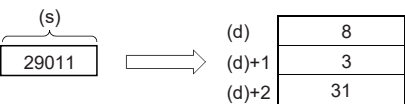
Processing details

- These instructions convert the time value in seconds stored in the device numbers starting from (s) to the time value in HHMMDD format, and store the converted data in the device numbers starting from (d).



Ex.

When specifying 29011 seconds in (s)



Operation error

Error code (SD0/SD8067)	Description
2820H	The specified device area exceeds the corresponding device range.
3405H	The value specified by (s) is outside the range.