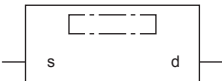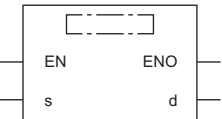# 20.41 Converting TIME to INT

TIME_TO_INT(_E)

| FX5S | FX5UJ | FX5U | FX5UC |

These functions convert TIME type data to INT type data.

Ladder diagram, FBD/LD		Structured text

[Without EN/ENO]
 	
s　　　　d
	[With EN/ENO]
	
	EN　　　ENO
	s　　　　d
		[Without EN/ENO]
		d:=TIME_TO_INT(s);
		[With EN/ENO]
		d:=TIME_TO_INT_E(EN,ENO,s);

Setting data

■Descriptions, types, and data types

Argument	Description	Type	Data type
EN	Execution condition (TRUE: Execution, FALSE: Stop)	Input variable	BOOL
s(IN)	Input	Input variable	TIME
ENO	Output status (TRUE: Normal, FALSE: Abnormal)	Output variable	BOOL
d(TIME_TO_INT(_E))	Output	Output variable	INT

Processing details

■Operation processing

- These functions convert the TIME type data input to (s) to INT type data and output from (d).
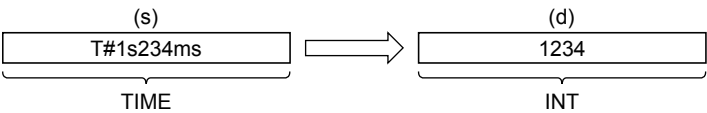
- A value input to (s) is the TIME type data value.
- When the data is converted to INT, the TIME type data stored in high-order 16 bits (1 word) are ignored.

■Operation result

1. Function without EN/ENO

The operation processing is executed. The operation output value is output from (d).

2. Function with EN/ENO

The following table lists the execution conditions and operation results.

Execution condition	Operation result	
EN	ENO	(d)
TRUE (Executes operation)	TRUE	Operation output value
FALSE (Stops operation)	FALSE[*1]	Indefinite value

*1 When FALSE is output from ENO, data output from (d) is undefined. In that case, modify a program so that the data output from (d) is not used.

Operation error

There is no operation error.