

20.57 Unnecessary of Type Conversion

GET_BOOL_ADDR, GET_INT_ADDR, GET_WORD_ADDR

FX5S FX5UJ FX5U FX5UC

These functions output the input variable as the output variable type.

Ladder diagram, FBD/LD	Structured text
	d:=GET_BOOL_ADDR(s) d:=GET_INT_ADDR(s); d:=GET_WORD_ADDR(s);

Setting data

■Descriptions, types, and data types

Argument	Description	Type	Data type
s	Input	Input variable	ANY
d(GET_BOOL_ADDR / GET_INT_ADDR / GET_WORD_ADDR)	Output	Output variable	BOOL/INT/WORD

Processing details

■Operation processing

- These functions output the input data variable as the output variable type according to the following table.

General function	Input data type	Output data type
GET_BOOL_ADDR	BOOL ARRAY OF BOOL	BOOL
GET_INT_ADDR	INT	INT
GET_WORD_ADDR	DINT WORD REAL TIME STRING ARRAY OF INT ARRAY OF DINT ARRAY OF WORD ARRAY OF DWORD ARRAY OF REAL ARRAY OF TIME	WORD

■Operation result

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

Operation error

There is no operation error.