

VARIABLES

VAR_GLOBAL

```

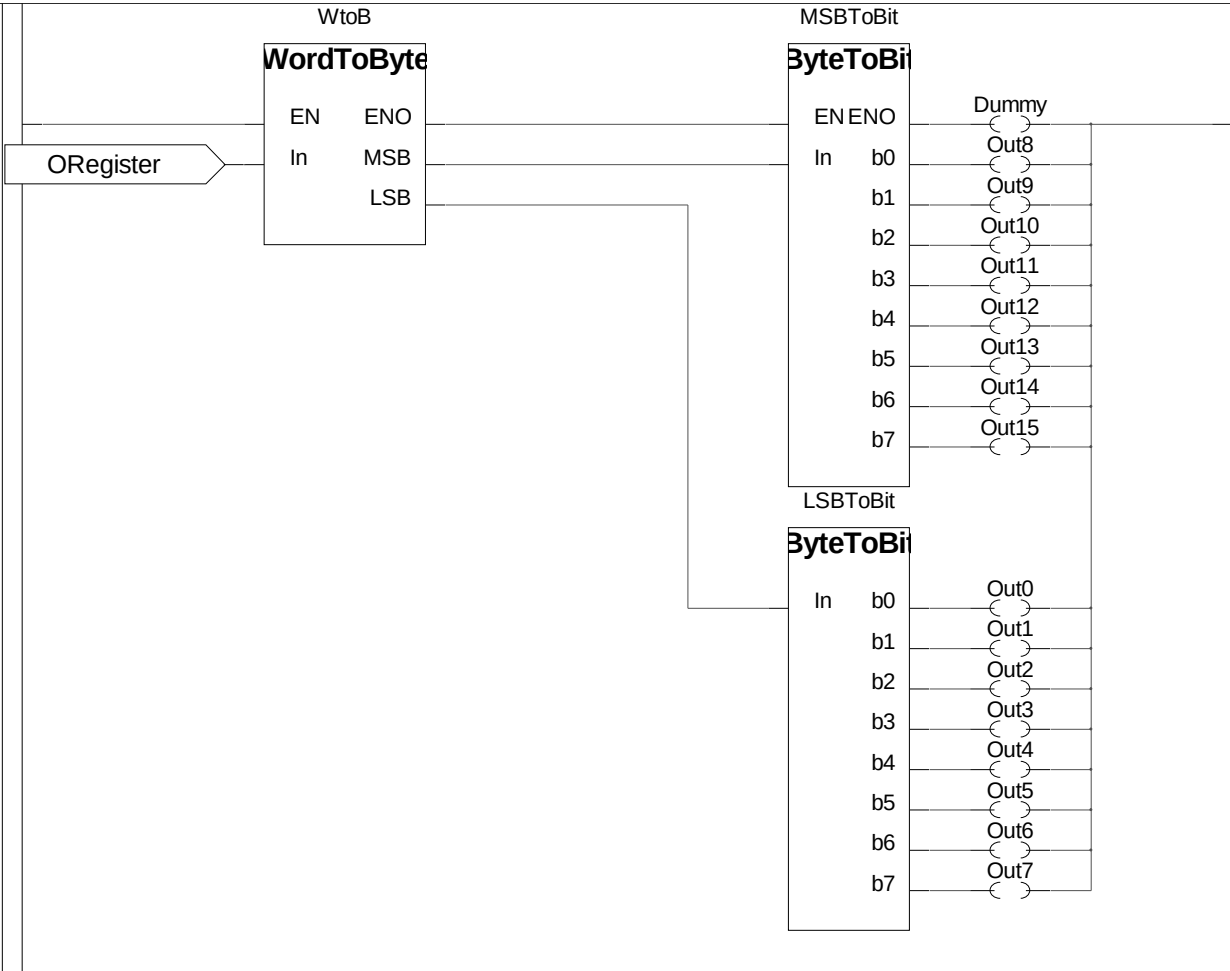
ORegister AT %MW100.16 : WORD; (* Output register (Modbus adress 40008) *)
Out0 AT %QX0.0 : BOOL; (* Logic output 0 *)
Out1 AT %QX0.1 : BOOL; (* Logic output 1 *)
Out2 AT %QX0.2 : BOOL; (* Logic output 2 *)
Out3 AT %QX0.3 : BOOL; (* Logic output 3 *)
Out4 AT %QX0.4 : BOOL; (* Logic output 4 *)
Out5 AT %QX0.5 : BOOL; (* Logic output 5 *)
Out6 AT %QX0.6 : BOOL; (* Logic output 6 *)
Out7 AT %QX0.7 : BOOL; (* Logic output 7 *)
Out8 AT %QX0.8 : BOOL; (* Logic output 8 *)
Out9 AT %QX0.9 : BOOL; (* Logic output 9 *)
Out10 AT %QX0.10 : BOOL; (* Logic output 10 *)
Out11 AT %QX0.11 : BOOL; (* Logic output 11 *)
Out12 AT %QX0.12 : BOOL; (* Logic output 12 *)
Out13 AT %QX0.13 : BOOL; (* Logic output 13 *)
Out14 AT %QX0.14 : BOOL; (* Logic output 14 *)
Out15 AT %QX0.15 : BOOL; (* Logic output 15 *)
END_VAR

```

	Project : ModbusIO	
	VARIABLES :	
	Release :	Ver :1.00
	Author :	Date:28/11/2011
	Note :	Page:1 of 1

```
VAR
WtoB : WordToByte;
MSBToBit : ByteToBit;
LSBToBit : ByteToBit;
Dummy : BOOL; (* Dummy variable *)
END_VAR
```

1



	Project : ModbusIO	
	PROGRAM : LD	
	Release :	Ver :1.00
	Author :	Date:28/11/2011
	Note :	Page:1 of 1

Splits BYTE variable into 8 BOOL
ENCRYPTED CODE

```
VAR_INPUT
In : BYTE; (* Input data *)
END_VAR

VAR_OUTPUT
b0 : BOOL; (* Bit 0 result *)
b1 : BOOL; (* Bit 1 result *)
b2 : BOOL; (* Bit 2 result *)
b3 : BOOL; (* Bit 3 result *)
b4 : BOOL; (* Bit 4 result *)
b5 : BOOL; (* Bit 5 result *)
b6 : BOOL; (* Bit 6 result *)
b7 : BOOL; (* Bit 7 result *)
END_VAR
```

1

Project : ModbusIO

FUNCTION BLOCK : ByteToBit

Release : ModbusIO

Ver :1.00

Author :

Date:28/11/2011

Note :

Page:1 of 1

Splits WORD variable into 2 BYTES
ENCRYPTED CODE

```
VAR_INPUT
In : WORD; (* Input data *)
END_VAR

VAR_OUTPUT
MSB : BYTE; (* MSB Result *)
LSB : BYTE; (* LSB Result *)
END_VAR
```

1

	Project : ModbusIO	
	FUNCTION BLOCK : WordToByte	
	Release : ModbusIO	Ver :1.00
	Author :	Date:28/11/2011
	Note :	Page:1 of 1