

# Station Number Variable

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## 1. Overview and Operation

EB8000 provides station number variable function on PLC address in version 1.31 or later. Refer to the picture; there are 16 station number variables and var2 is one of them. The var0~15 read values from system registers LW10000 to LW10015.

Read address

PLC name : MITSUBISHI FX0n/FX2

Device type : TV

Address : var2#123

For example, var0 reads value from LW10000, if the system tag value is 32 that means var0#123 is the same as var32#123. (Station number is 32)

**Station Number Variable**

SP-1

DE-1  
####

System Tag LW10000 (16 Bit): var0 - Station Number Variable (Usage: var0#address)

DE-0  
####

DE-2  
####

DE-3  
####

DE-4  
####

DE-5  
####

DE-6  
####

DE-7  
####

DE-8  
####

Address: var0#1~8

DE-9  
####

DE-10  
####

DE-11  
####

DE-12  
####

DE-13  
####

DE-14  
####

DE-15  
####

Address: var0#9~16

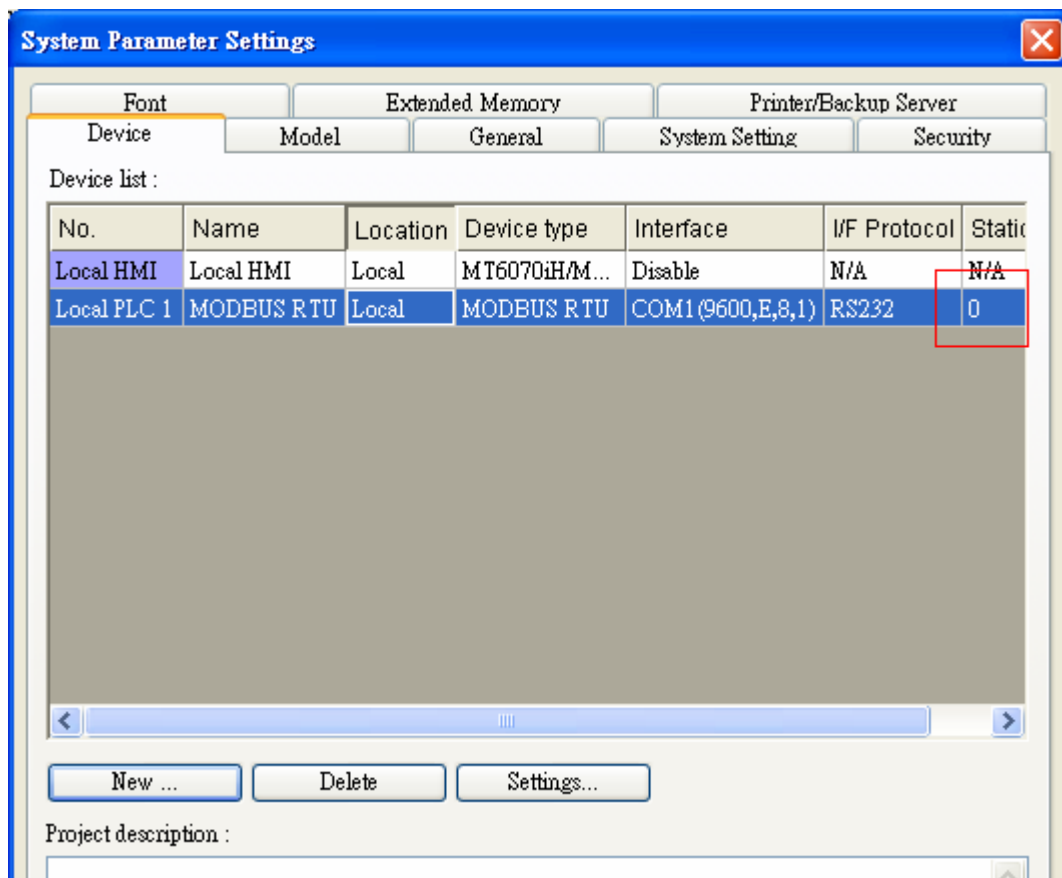
SP-2

When setup the value into the variable register (var0: LW10000)  
the object which has used the variable address will change the station number.

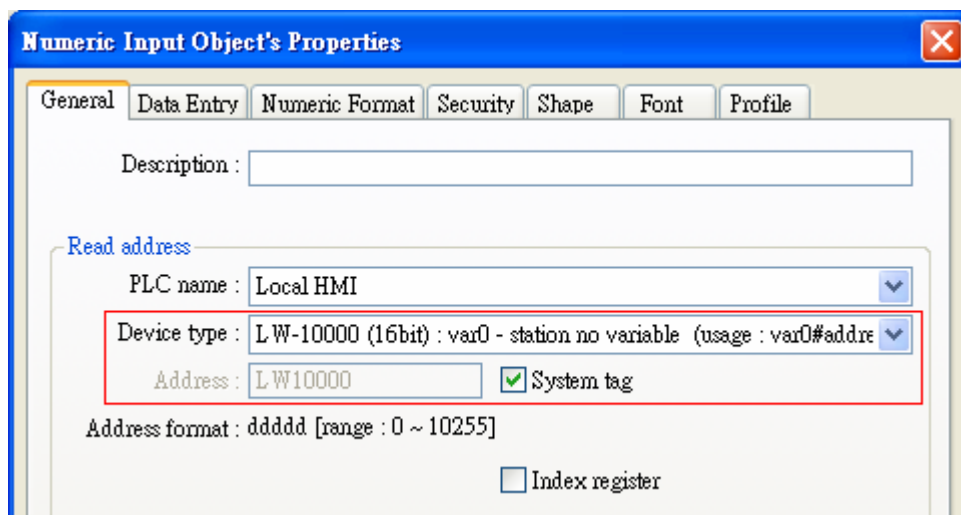
*Rock Ink*

## 2. Setting Up the Screen

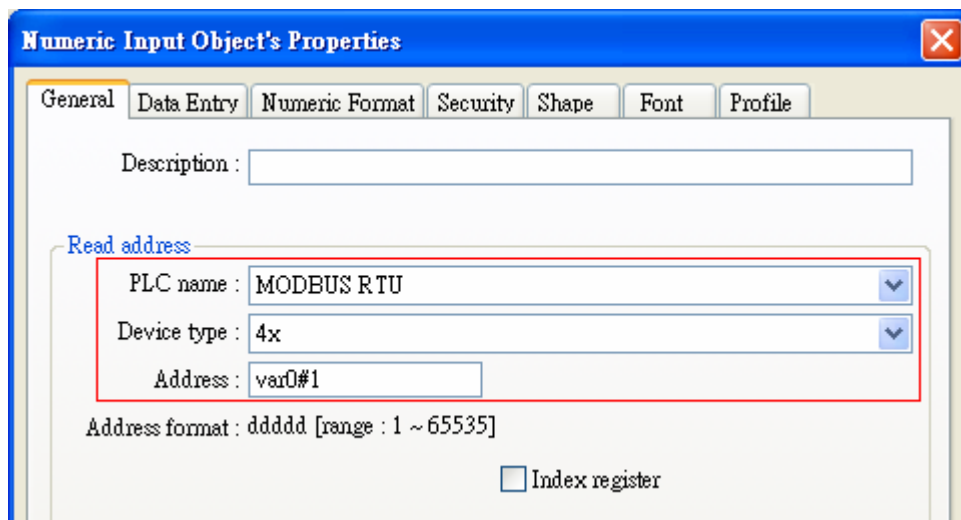
1. Create a new project and set up MODBUS device (station number 0) in system parameter.



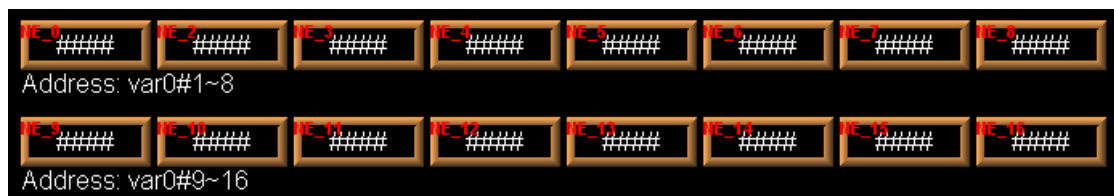
2. Set up a numeric input object to read LW10000.



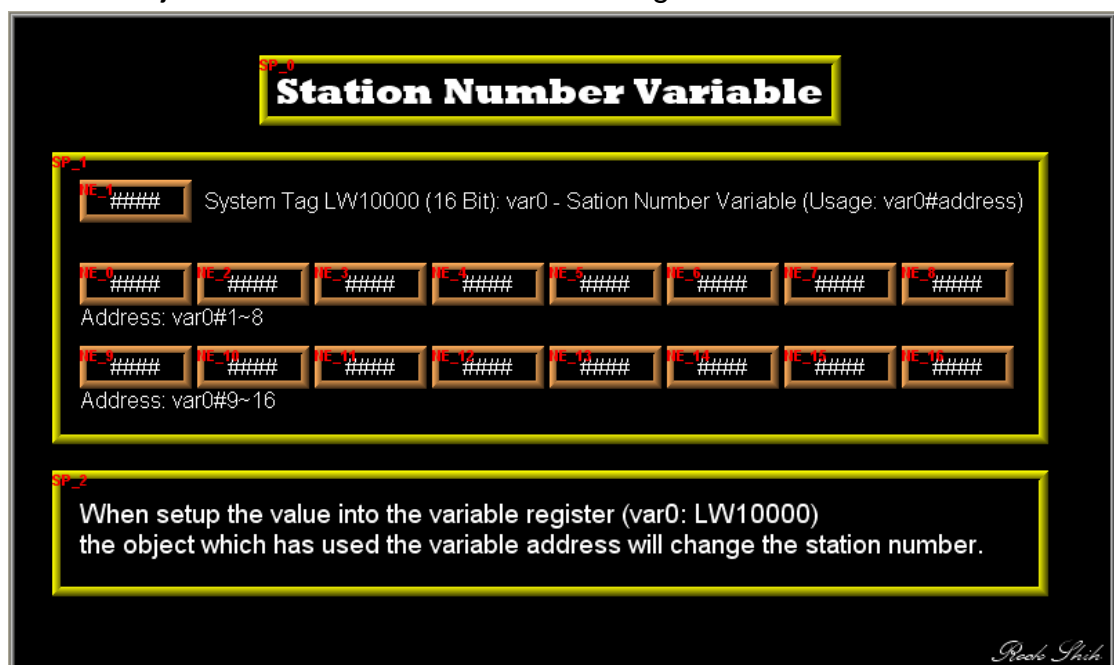
3. Create Numeric Input objects to read MODBUS device.



(Device type: 4x ; Address: var0#1~16)



4. When setting up the value in the variable register (var0: LW10000), the object with variable address will change the station number.



### 3. Objects

The objects used in this demo project are listed below.

Object	ID	Detail
Numeric Input	NE0	Address: var0#1
	NE1	System tag LW10000
	NE2	Address: var0#2
	NE3	Address: var0#3
	NE4	Address: var0#4
	NE5	Address: var0#5
	NE6	Address: var0#6
	NE7	Address: var0#7
	NE8	Address: var0#8
	NE9	Address: var0#9
	NE10	Address: var0#10
	NE11	Address: var0#11
	NE12	Address: var0#12
	NE13	Address: var0#13
	NE14	Address: var0#14
	NE15	Address: var0#15
	NE16	Address: var0#16