

Demo Project for Security

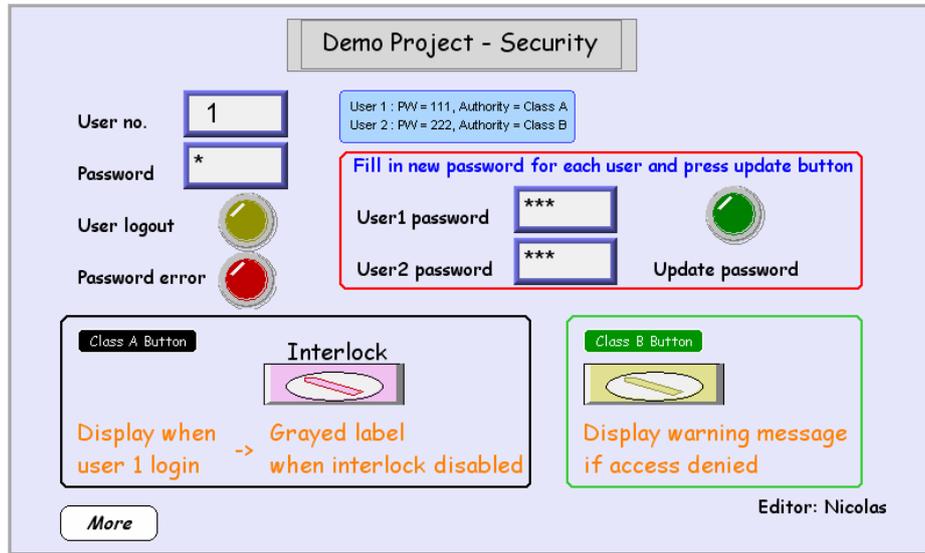
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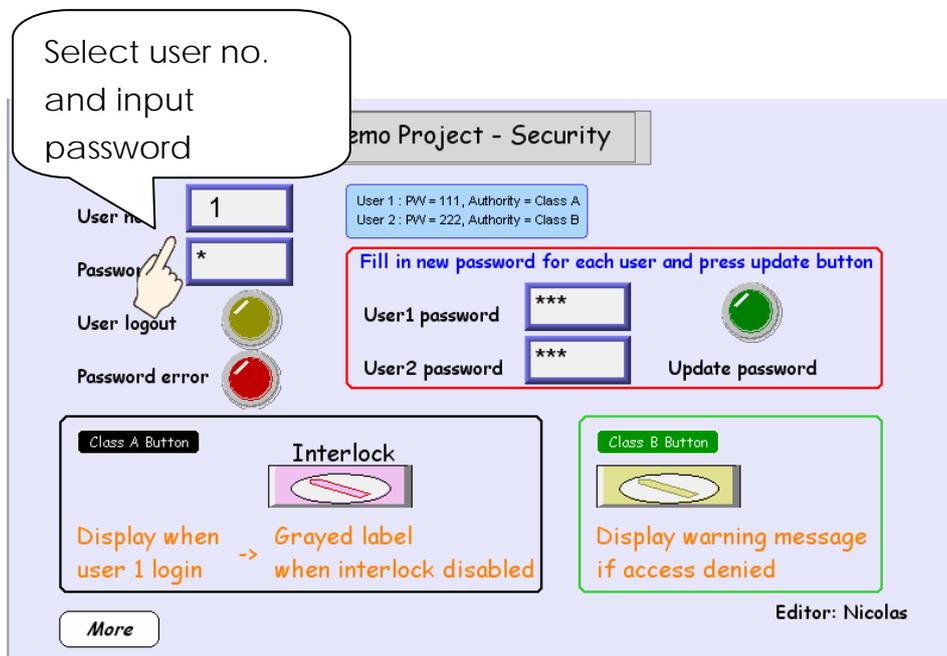
1. Overview and Operation

Overview

This demo project introduces the security function, which includes two parts: “user security and operable classes” and “object security”.



Operation



Demo Project - Security

User 1: PW = 111, Authority = Class A
User 2: PW = 222, Authority = Class B

Fill in new password for each user and press update button

User1 password: ***
User2 password: ***

Update password

Class A Button
off
Display when user 1 login

Interlock
Grayed label when interlock disabled

Class B Button
Display warning message if access denied

More

Editor: Nicolas

Demo Project - Security

lock (Enabled when BIT is ON)

Enable

Min. Press Time
1 second
3 seconds

Display Confirmation Request
Waiting time: 2 seconds, 4 seconds

More

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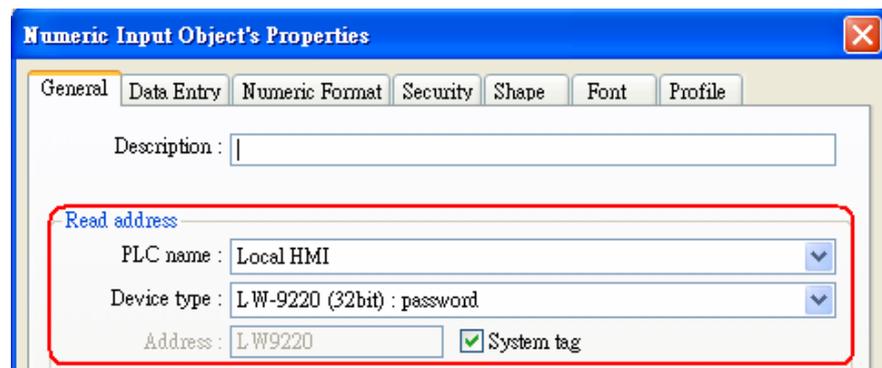
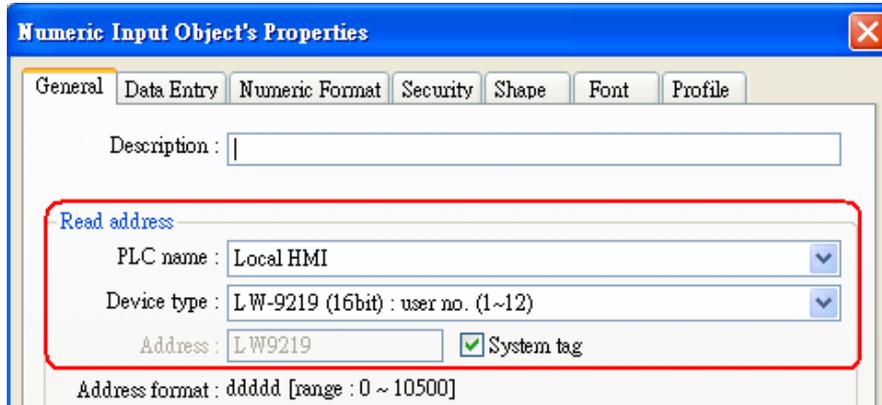
Only when continuous pressing time is not less than this value can an object be activated successfully

After pressing the object, a dialog box will appear. Users need to click "Yes" to confirm the operation

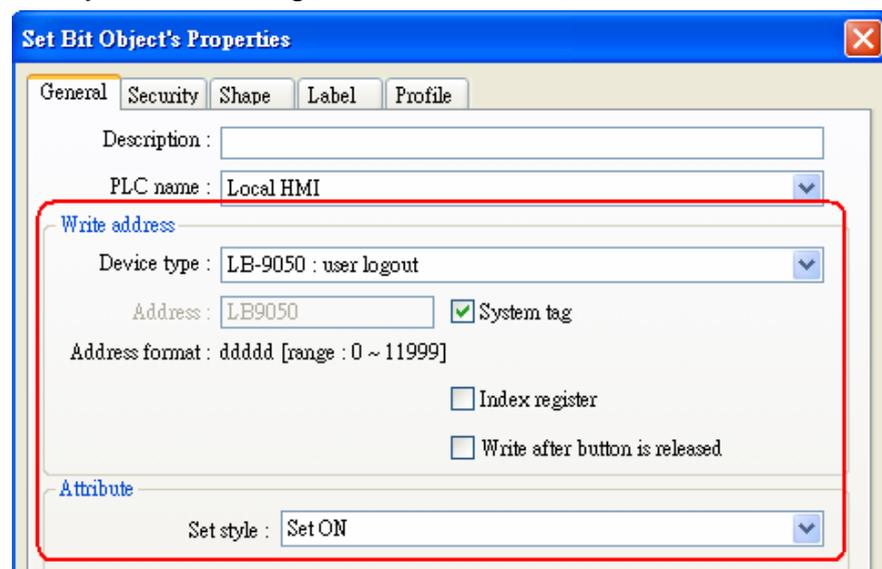
2. Setting up the screen

[In window10]

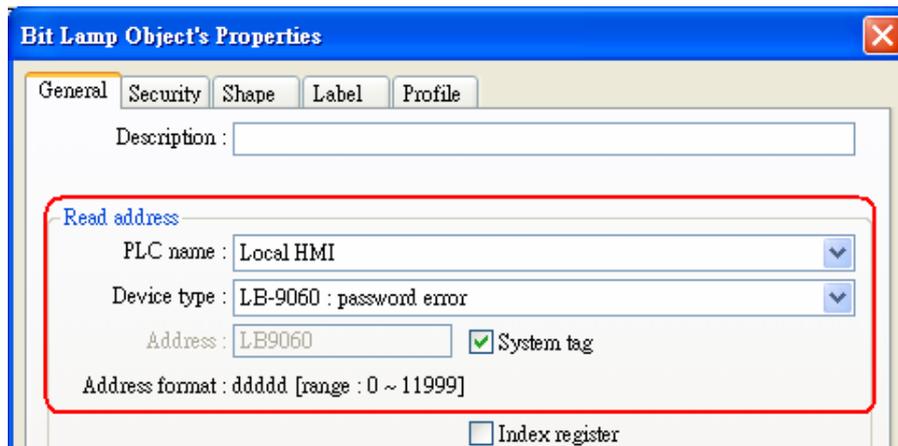
1. Users have to set up the Security in system parameter settings. Then create two numeric input objects and set addresses to LW9219_user no. and LW9220_password.



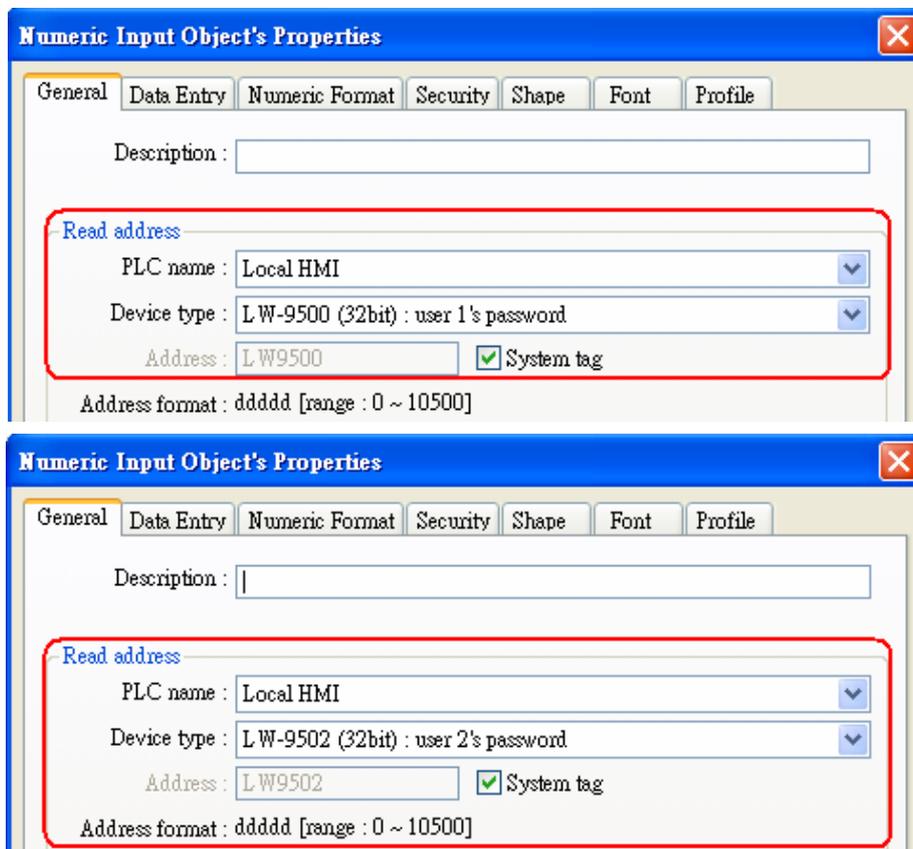
2. Create set bit object for user logout.



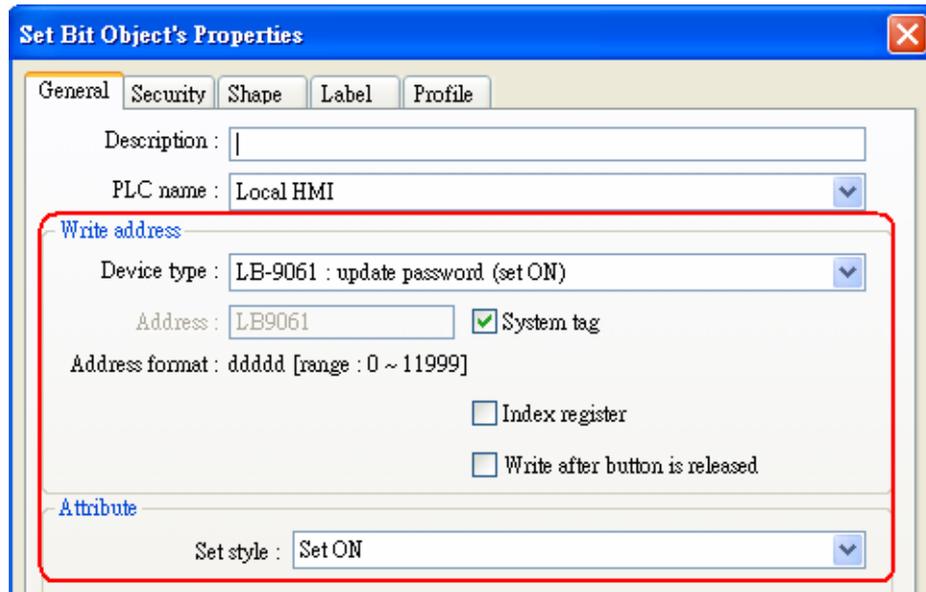
3. Create bit lamp for indicating when password error occurs.



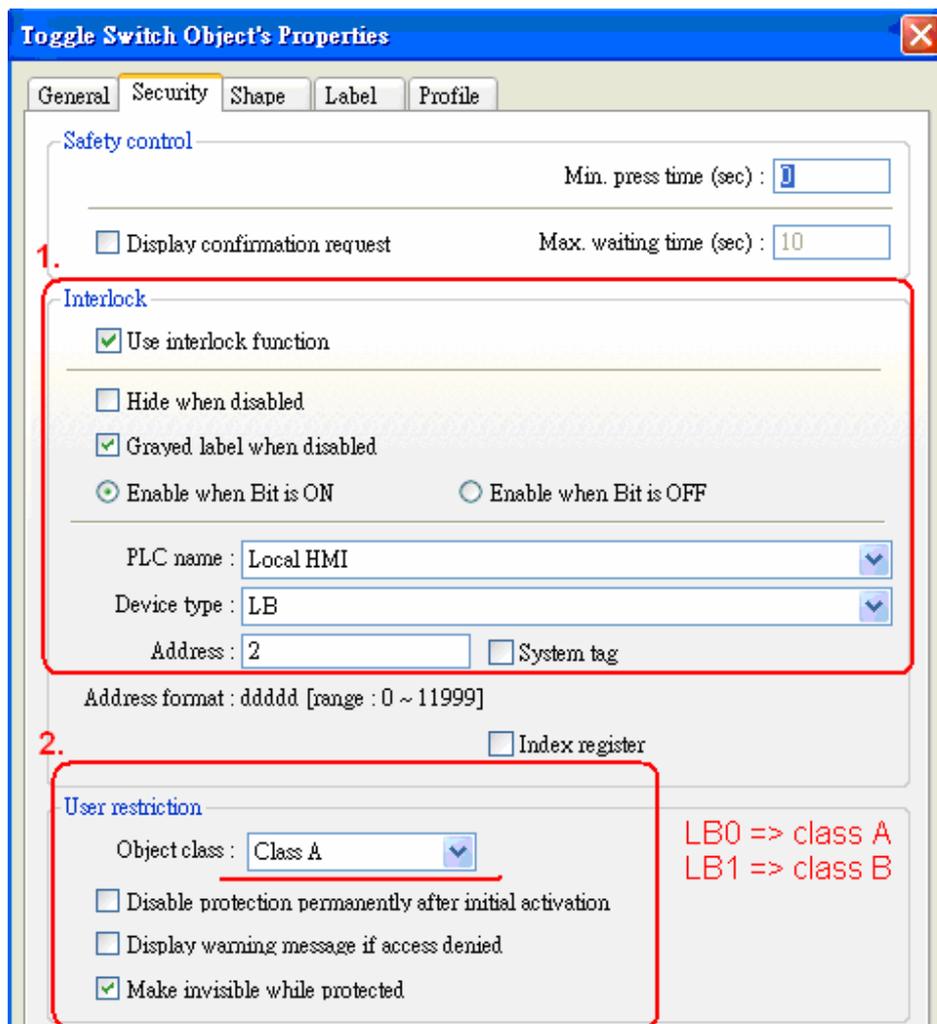
4. Create two numeric input objects for user to change password on-line.



5. Create set bit object for user to update password.

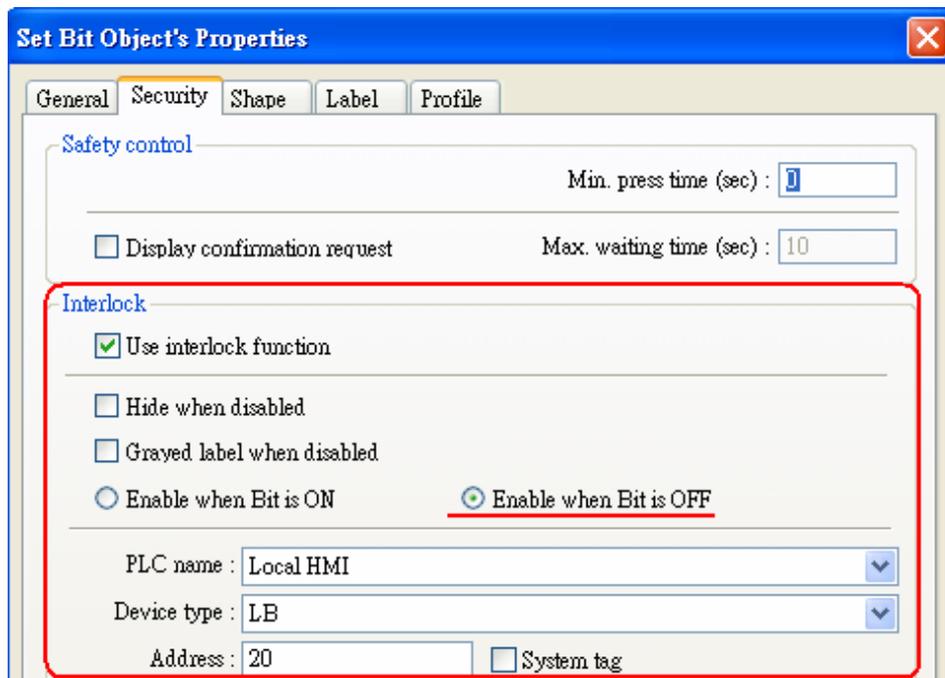
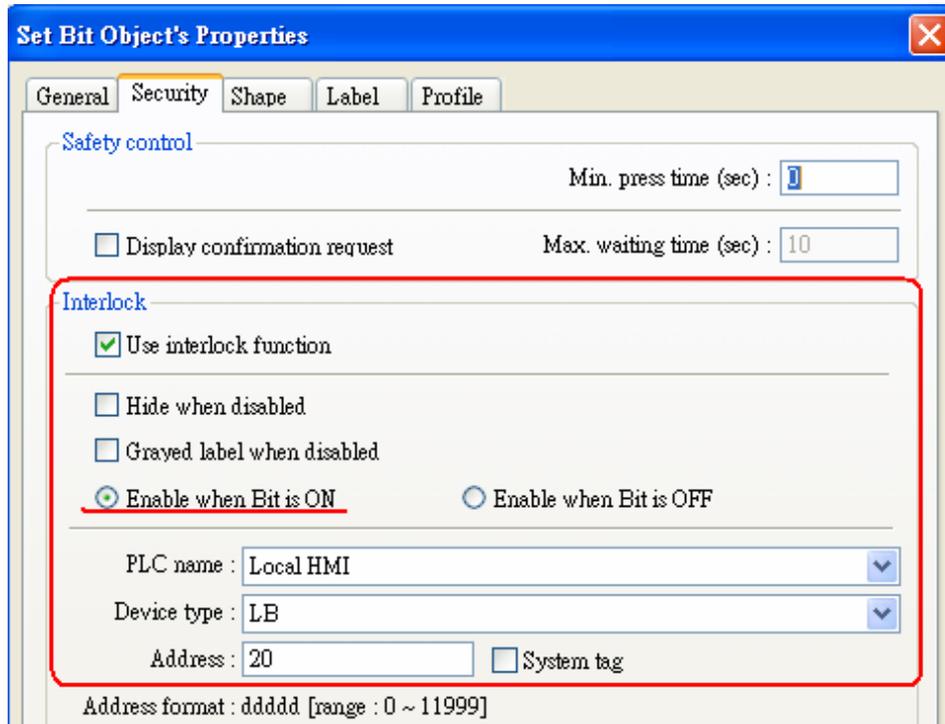


6. Create two toggle switch objects, and set different object classes.



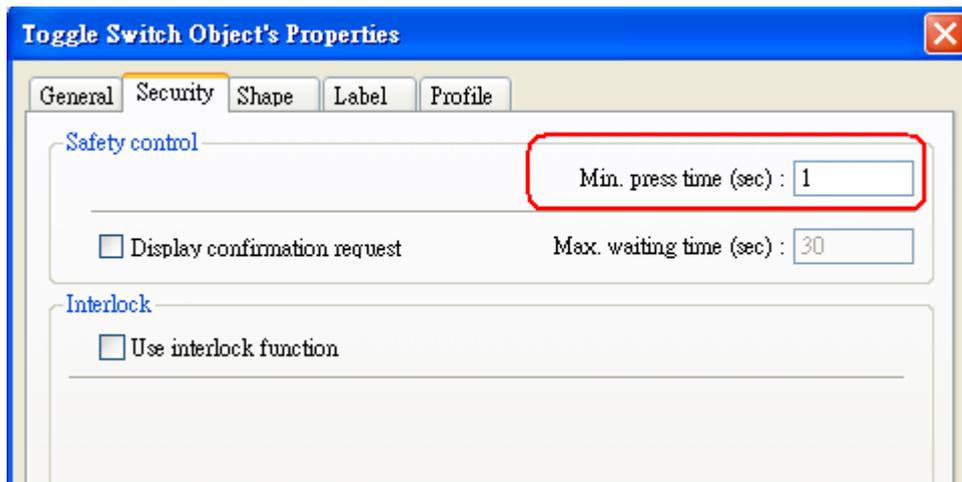
[In window11]

7. Create two set bit objects and set different interlock protections.

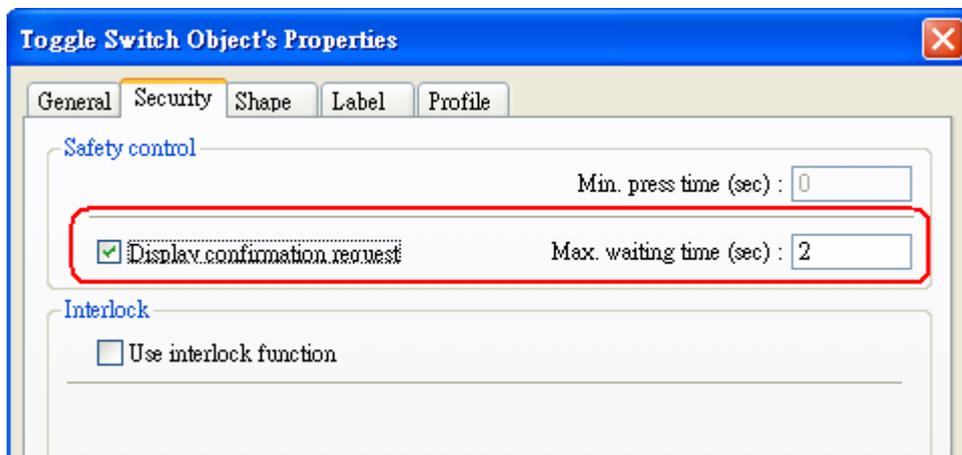


8. Create toggle switch object (LB20) as interlock button.

9. Create two toggle switch objects and set different "min. press time".



10. Create two toggle switch objects and set different "waiting time".



3. Addresses

The addresses used in this demo project are listed below. Please change these addresses according to your system.

Object	Address	Object ID	Detail
Window10			
Numeric input	LW9219	NE_0	User no.
	LW9220	NE_1	Password
	LW9500	NE_2	User1 password
	LW9502	NE_3	User2 password
Set bit	LB9050	SB_0	User logout
	LB9061	SB_1	Update password
Bit lamp	LB9060	BL_0	Password error
Toggle switch	LB1	TS_0	Class B button
	LB0	TS_1	Class A button
	LB2	TS_2	Interlock
Function key		FK_0	Change full-screen window to no.11
Window11			
Set bit	LB10	SB_0	Button
	LB10	SB_1	Button
Toggle switch	LB20	TS_0	Interlock
	LB5	TS_1	Button (min. press time)
	LB6	TS_2	Button (min. press time)
	LB8	TS_3	Button (display confirmation request)
	LB9	TS_4	Button (display confirmation request)
Bit lamp	LB20	BL_0	Display text
	LB20	BL_1	Display text
Function key		FK_0	Change full-screen window to no.10