

**Partner: Baldwin**  
**Model: Lock**  
**Device Type: Door Lock**



**GENERAL INFORMATION**

<b>SIMPLWINDOWS NAME:</b>	Baldwin Lock v1.0
<b>CATEGORY:</b>	Security
<b>VERSION:</b>	1.0
<b>SUMMARY:</b>	Provides control and monitoring of the Baldwin Door lock via infiNET EX.
<b>GENERAL NOTES:</b>	This module will control and monitor the functions of the Baldwin Door lock.
<b>CRESTRON HARDWARE REQUIRED:</b>	2-Series Processor, C2COM3, 3-Series Processor, infiNET EX gateway.
<b>SETUP OF CRESTRON HARDWARE:</b>	Baldwin Door lock definition must be included in the SimplWindows project.
<b>VENDOR FIRMWARE:</b>	v3.009.0013
<b>VENDOR SETUP:</b>	Door locks must have a ZigBee RF Module installed and be acquired to a Crestron infiNET EX gateway.
<b>CABLE DIAGRAM:</b>	N/A

**CONTROL:**

<b>&lt;Lock/Unlock&gt;</b>	D	Pulse to lock or unlock the door lock.
<b>Read_Lock_State_Attribute</b>	D	Pulse to get the current lock state.
<b>Select_User_ID</b>	D	Pulse to display numeric keypad to enter a User ID to edit.
<b>Edit_User_Name</b>	D	Pulse to display keyboard to enter a User Name that will be associated with the currently selected User ID.
<b>Edit_User_PIN</b>	D	Pulse to display numeric keypad to enter a User PIN that will be associated with the currently selected User ID.
<b>Set_User_Enabled</b>	D	Pulse to enable the currently selected User ID.
<b>Set_User_Disabled</b>	D	Pulse to disable the currently selected User ID.
<b>Selected_User_Delete</b>	D	Pulse to delete the selected User ID's User Name and User PIN information.
<b>Keyboard_*</b>	D	Pulse to enter a User Name that will be associated with the currently selected User ID when submitted.
<b>Numeric_Keypad_*</b>	D	Pulse to enter User ID or PIN code to submit.

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Keyboard_Submit	D	Pulse to submit the User ID, User Name or User PIN entered using the keyboard or numeric keypad signals.
Keyboard_Close	D	Pulse to close the keyboard or numeric keypad subpages.
Clear_All_PIN_Codes	D	Pulse to clear all pin codes.
Clear_All_Alarms	D	Pulse to clear all alarms.
Alarm_Deadbolt_Jammed_Clear	D	Pulse to clear "deadbolt jammed" alarm.
Alarm_Lock_Reset_To_Defaults_Clear	D	Pulse to clear "lock reset to defaults" alarm.
Alarm_RF_Module_Power_Cycled_Clear	D	Pulse to clear "RF module power cycled" alarm.
Alarm_Wrong_Code_Limit_Clear	D	Pulse to clear "alarm wrong code limit" alarm.
Battery_Alarm_Clear	D	Pulse to clear any of the battery level alarms.
Set_LED_<On/Off>	D	Pulse to turn the LED on or off.
Set_Auto_Relock_<On/Off>	D	Pulse to turn auto relock on or off.
Set_Sound_<On/Off>	D	Pulse to turn the sound on or off.
Read_Lock_Settings	D	Pulse to retrieve the current lock settings.
From_Module_User_ID	S	Receives information from Multi-Lock Setup module.
From_Module_User_Name	S	Receives information from Multi-Lock Setup module.
From_Module_User_PIN	S	Receives information from Multi-Lock Setup module.
From_Module_Set_User_PIN	D	Receives information from Multi-Lock Setup module.
From_Module_Clear_All_PINS	D	Receives information from Multi-Lock Setup module.
Link_State	A	Connect to the link state signal from the gateway definition.
{{Serial_Out_>>_HOME-CONNECT-DL-01}}	S	Information received from lock definition. Connect to the "Serial_Out" output of the <b>HOME-CONNECT-DL-01</b> lock definition.

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**FEEDBACK:**

Is_<Locked/Unlocked>	D	Indicates that the door lock is currently locked or unlocked.
Lock_Status_Mode	A	Indicates the current lock status mode.
Lock_Status_Text	S	Displays the current lock status (locked or unlocked).
Lock_Event_Text	S	Displays the most recent lock event that occurred.
Display_User_ID_Entry_Subpage	D	Latches high to display the numeric keypad subpage.
Display_User_Name_Entry_Subpage	D	Latches high to display the keyboard subpage.
Display_User_PIN_Entry_Subpage	D	Latches high to display the numeric keypad subpage.
User_Event_Text	S	Displays the most recent user event that occurred.
Selected_User_ID_Text_Out	S	Displays the current User ID being edited.
Selected_User_Name_Text_Out	S	Displays the current User Name being edited.
Selected_User_PIN_Text_Out	S	Displays the current User PIN being edited.
Selected_User_Status_Text_Out	S	Displays the current User Status being edited.
Keyboard_Text	S	Displays text entered by using the keyboard of number keypad signals.
Keyboard_Shift_Is_On	D	Indicates that the keyboard shift is enabled.
Keyboard_Caps_Lock_Is_On	D	Indicates that the keyboard caps lock is enabled.
Alarm_Event_Text	S	Displays the last alarm event that occurred.
Alarm_Deadbolt_Jammed	D	Indicates that the deadbolt is jammed.
Alarm_Lock_Reset_To_Defaults	D	Indicates that the lock was reset to its default settings.
Alarm_RF_Module_Power_Cycled	D	Indicates that the locks RF module was power cycled.
Alarm_Wrong_Code_Limit	D	Indicates that the alarm wrong code limit was triggered.
Battery_Too_Low_To_Operate	D	Indicates that the battery is too low to operate.
Battery_Level_Critical	D	Indicates that the battery level is critical.

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Battery_Level_Very_Low	D	Indicates that the battery level is very low.
Battery_Level_Low	D	Indicates that the battery level is low.
Unknown_Event	D	Indicates that an unknown event has occurred.
Locked_Via_Keypad_Event	D	Indicates that the unit was locked by a keypad event.
Unlocked_Via_Keypad_Event	D	Indicates that the unit was unlocked by a keypad event.
Unlock_Error_Invalid_PIN_Event	D	Indicates that an invalid PIN was used.
Locked_Remotely_Event	D	Indicates that the unit was locked remotely.
Unlocked_Remotely_Event	D	Indicates that the unit was unlocked remotely.
One_Touch_Lock_Event	D	Indicates that a one touch lock event occurred.
Auto_Lock_Event	D	Indicates that an auto lock event occurred.
Manual_Lock_Event	D	Indicates that a manual lock event occurred.
Manual_Unlock_Event	D	Indicates that a manual unlock event occurred.
LED_Is_<On/Off>	D	Indicates that the LED is active or inactive.
Auto_Relock_Is_<On/Off>	D	Indicates that auto relock is enabled or disabled.
Sound_Is_<On/Off>	D	Indicates that sound is enabled or disabled.
Locked_By_User_ID	A	Indicates the last user ID that locked the device.
Unlocked_By_User_ID	A	Indicates the last user ID that unlocked the device.
Please_Wait_Indicator	D	Indicates that the module is in the process of modifying one of the lock properties.
Lock_Name_Text	S	Displays the lock location entered in the "Lock Name" parameter of this module.
Link_Status_Text	S	Indicates the locks RF link status to our gateway.
{{Serial_In_>>_HOME-CONNECT-DL-01}}	S	Commands sent to lock definition. Connect to the "Serial_In" input of the <b>HOME-CONNECT-DL-01</b> lock definition.

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**TESTING:**

<b>OPS USED FOR TESTING:</b>	2-Series: v4.008.0008 3-Series: v1.010.0060
<b>SIMPL WINDOWS USED FOR TESTING:</b>	v4.02.56
<b>DEVICE DB USED FOR TESTING:</b>	v61.00.002.00
<b>CRES DB USED FOR TESTING:</b>	v48.05.003.00
<b>SYMBOL LIBRARY USED FOR TESTING:</b>	v913
<b>SAMPLE PROGRAM:</b>	2 Series: Baldwin Lock v1.0 Demo PRO2.smw 3 Series: Baldwin Lock v1.0 Demo MC3.smw
<b>REVISION HISTORY:</b>	v1.0