Lock and activation of blinds with free@home Locking the terrace door's blind

GPG Building Automation

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System:	free@home	Product:	free@home	
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Introduction

In some cases it might be necessary to lock or activate blinds. The following example in this document shall help you in creating a locking/activation.

Objectives of the document

 The purpose of this document is to provide guidance to the electrician and/or user by which he/she can lock or activate blinds with free@home.

Content

Example application: The blind of the terrace door shall be locked when the door is opened, for example, in the evening the blinds are not driven down by a timer to avoid that the householders are unintentionally locked out.

You can also could lock the blind in the bedroom when you want to sleep longer.

For these purposes, a window contact, for example a magnetic contact via binary input is necessary. A push button can be used to lock the blind.

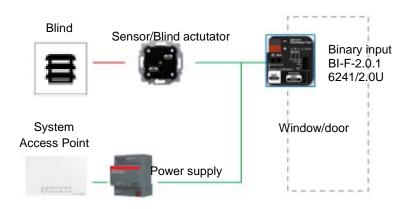


Fig. 1 Overview diagram



1. Go to the menu "Actions" and add a new action to the screen, e.g. "Locking/Activation blind".

			MA	IN MENU ⑦			Ŷ
	HOUSE STRUCT		LINK	TIME CONTROL	ACTIONS	PANEL	
	Design a house structure by creating floors and rooms	Allocation of devices	Link devices and loads, Create groups and scenes.	Greate time profiles, Set circuits	Create and ros your actions	Configuration of the panel	
installer						Device configuration	Preferences
2. Add a	precondition and	l define a sp	ecific period, th	nen add an eve	ent.		
			< A0	CTIONS (2)			★ MAIN MENU
		Tanaa					1
Precondition	~	Event	~	Action		Notification	
	31		(men	⇒/	Ŷ	2Z	

	~	-	
Select one or several preconditions which have o be met before an event car be triggered.	Select one or several sensors which are to trigger the event.	Select one or several actuators which are to be activated during an event.	Define a notification which is to be sent when the event occurs.
Add precondition	Add event	Add actuator	Add notification

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3. Then select the binary input of the window or sensor in the menu item "Event", which is to temporarily lock the blind.

	Â	FENSTER SPERR	EN			1
orbedingung	Ereignis		Aktion		Benachricht	igung
	Am Tag					
31	Bei Nacht	C				
	Binäraktoren	٢			ensterkontakt	
	Dimmaktor	\bigcirc		Fensterkontaktka	Fenster	
	Eensterkontakt			Fensterkontakt	vird geöffnet	
	Jalousieaktor				vird geschlosse	n
				Schaltverzögeru	ng [Sek]	
	Kalender	I		_	0	+
	Tastsensor					
	Uhrzeit	(5)				
	×		A			

4. Here you can also parameterize if there is a NC contact connected to the magnetic switch.



+

5. In menu item "Action" you can now lock the respective blind actuator.

Add event

Add precondition

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Add actuator

Add notification



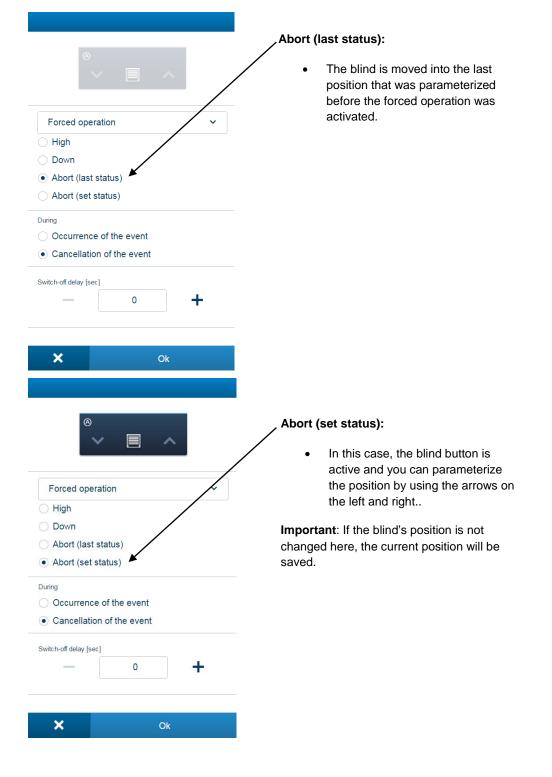
Filters Floor 2 > Children's room	
8	Forced operation V
	High
	O Down
	 Abort (last status)
	 Abort (set status)
	During
	Occurrence of the event
	Cancellation of the event

Important: The action for the activation of the blind is parameterized in the same menu!

Action Filters Floor 2 > <u>Childrenia seem</u>		~
8	Forced operation	×
) High	
	O Down	
	 Abort (last status) 	
	 Abort (set status) 	
	During	
	 Occurrence of the event 	
	Cancellation of the event	
	Switch-off delay [sec]	
	- 0	+
*	×	Ok

Here, it is very IMPORTANT, that you cancel the forced operation here instead of activating the parameter "standard operation"





References to other documents

- FAQ Home and Building Automation
- FAQ free@home
- Engineering Guide Database

