

Lock and activation of blinds with free@home

Locking the terrace door's blind

GPG Building Automation

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This document serves the sole purpose of providing additional, technical information and possible application and use cases for the contained products and solutions.

It **does not** replace the necessary technical documentation required for planning, installation and commissioning of the product. Technical details are subject to change without notice.

Despite checking that the contents of this document are consistent with the current versions of the related hard and software of the products mentioned within, deviations cannot be completely excluded. We therefore assume no liability for correctness. Necessary corrections will be introduced as and when new versions of the document are generated.

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.

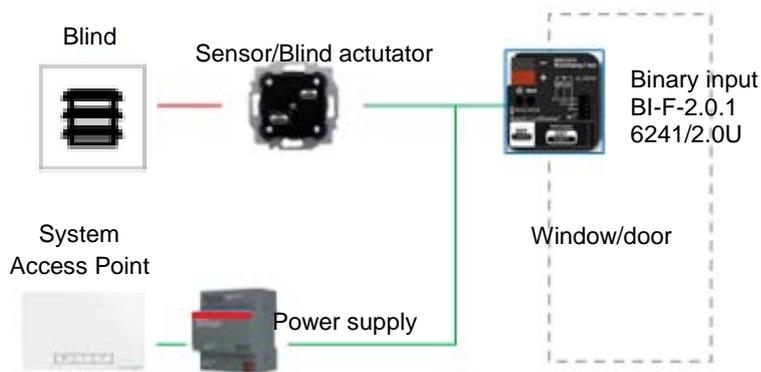
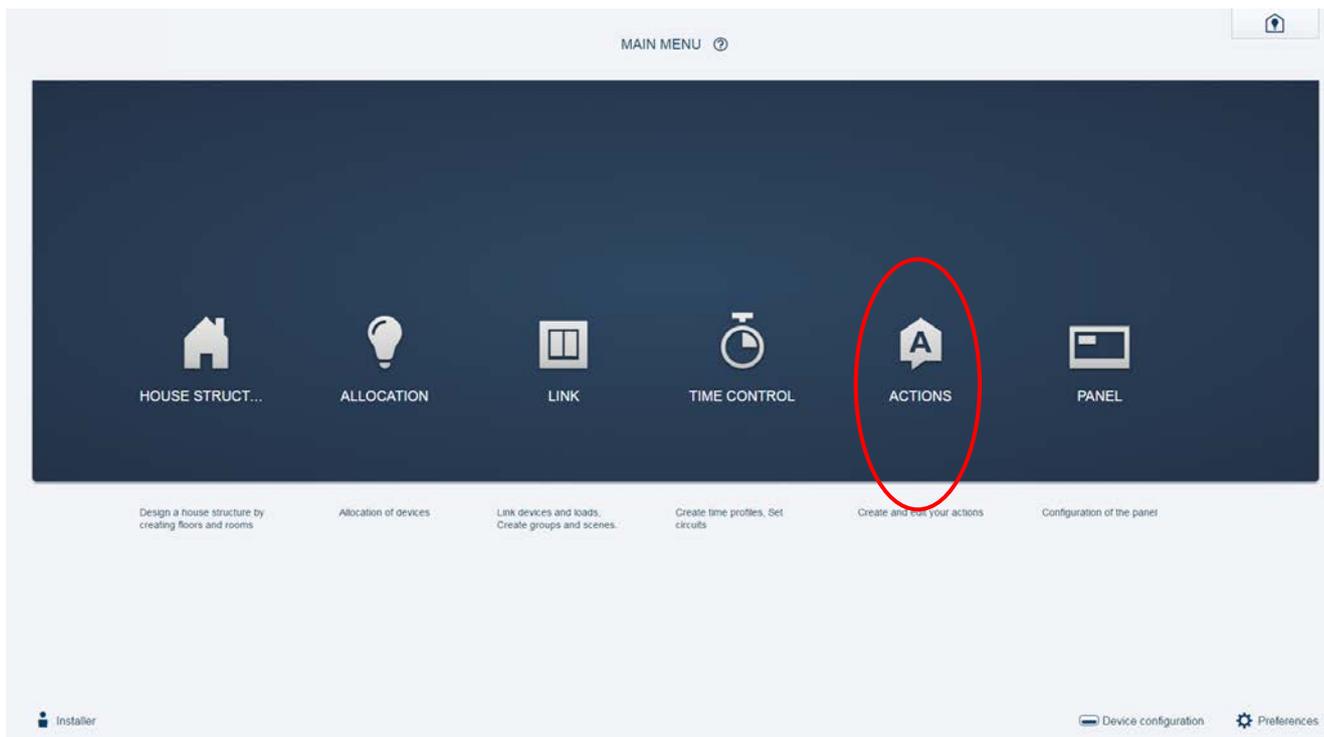
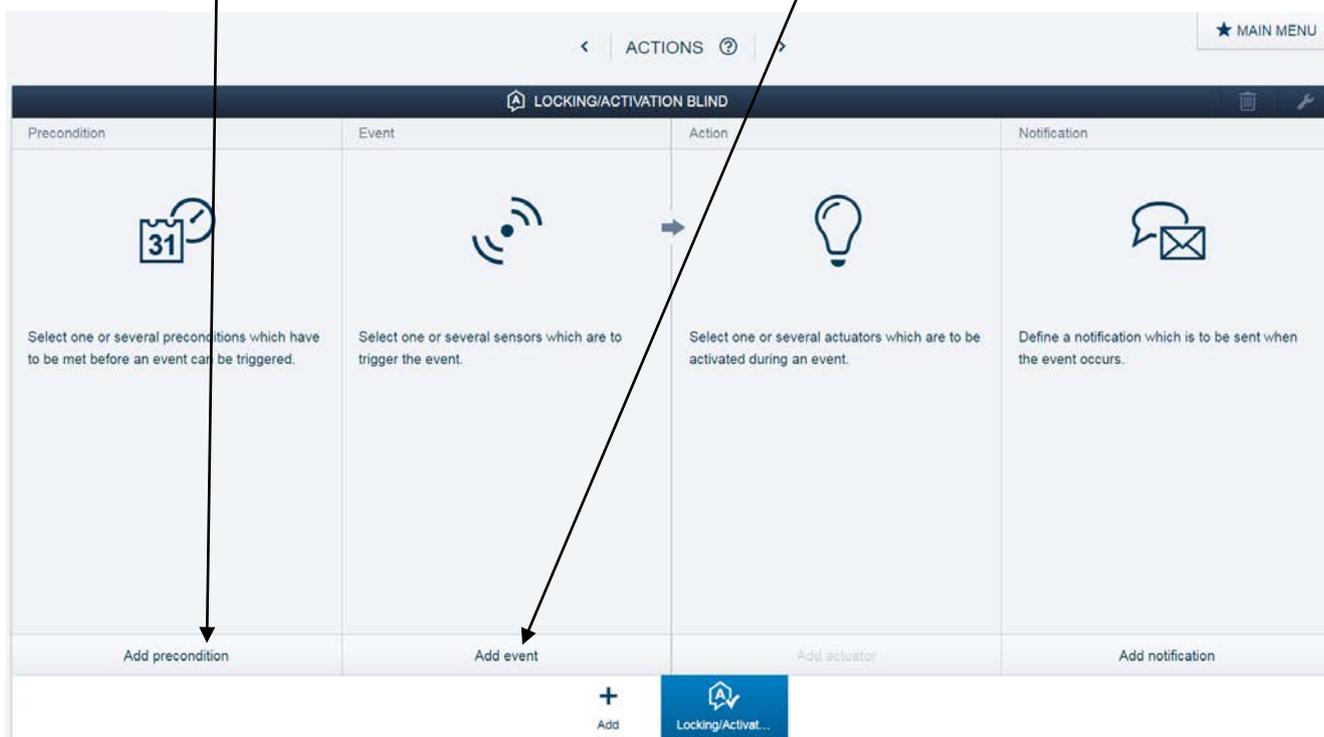


Fig. 1 Overview diagram

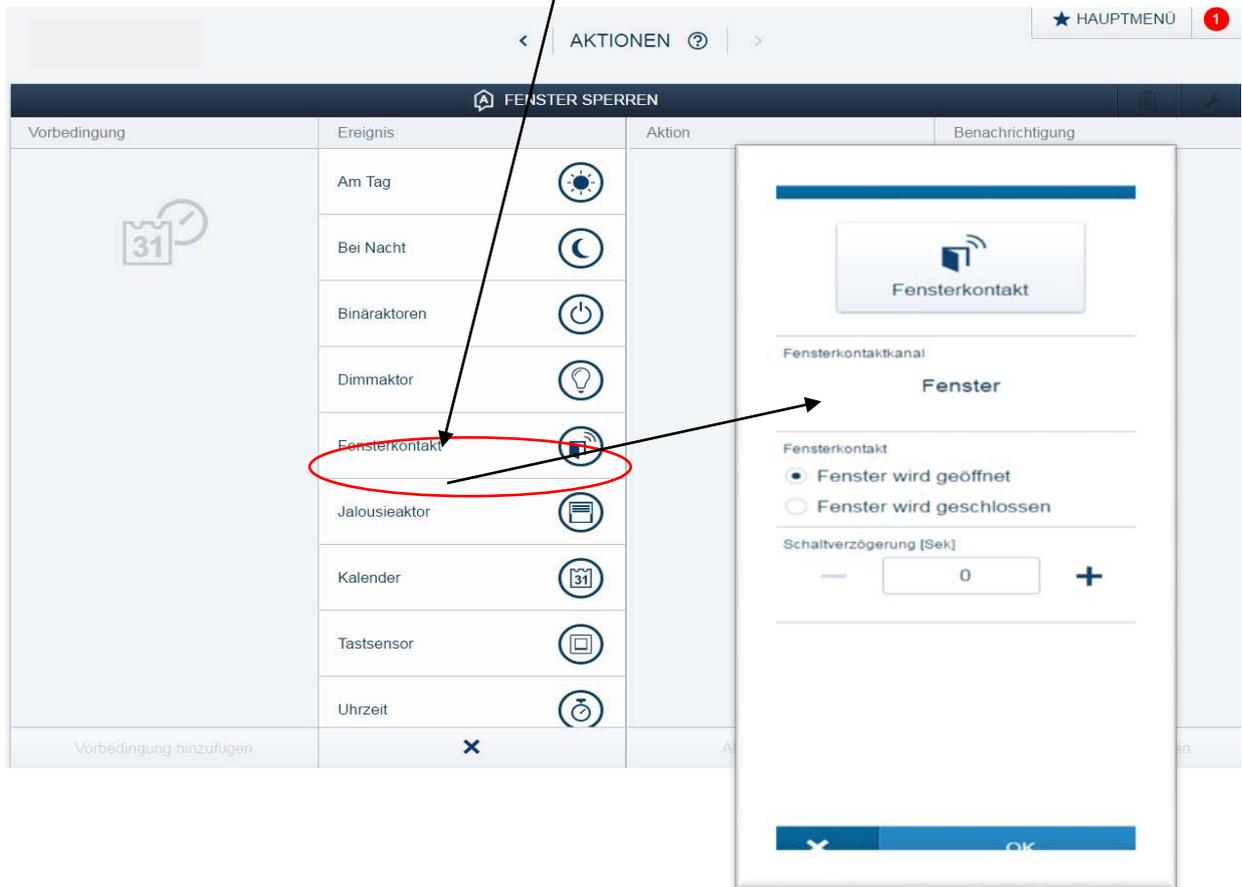
1. Go to the menu “Actions” and add a new action to the screen, e.g. “Locking/Activation blind”.



2. Add a precondition and define a specific period, then add an event.

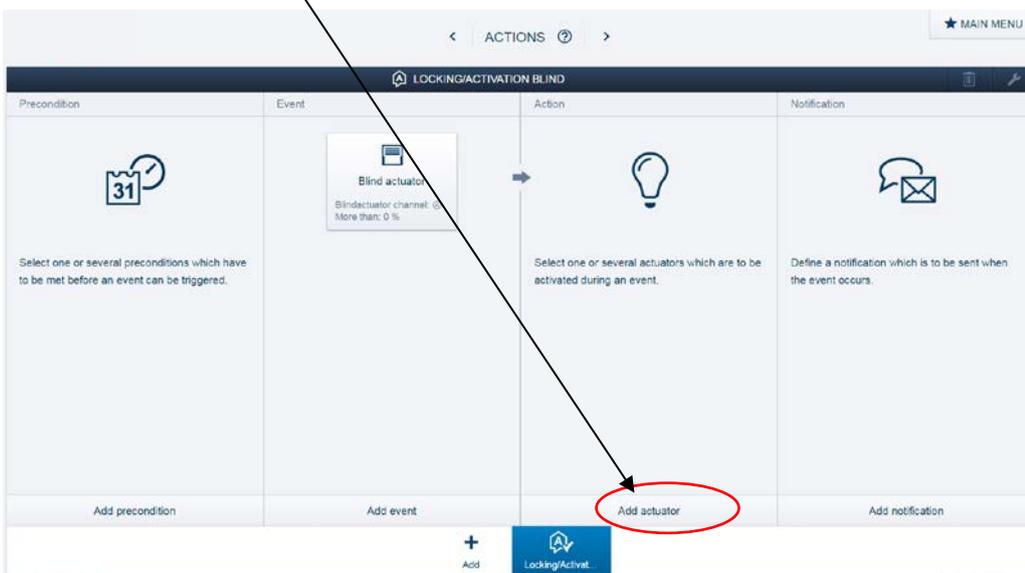


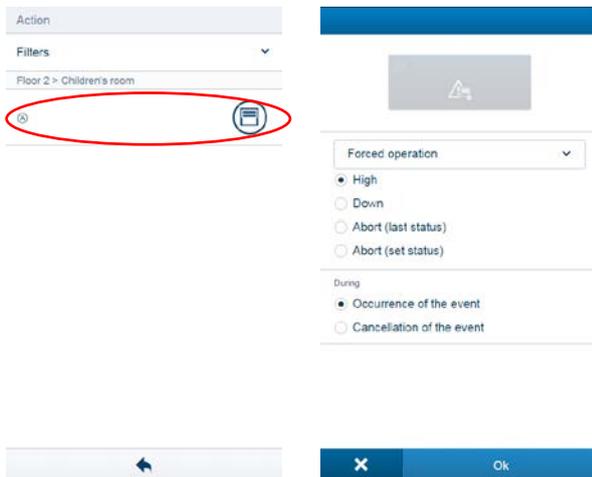
- Then select the binary input of the window or sensor in the menu item "Event", which is to temporarily lock the blind.



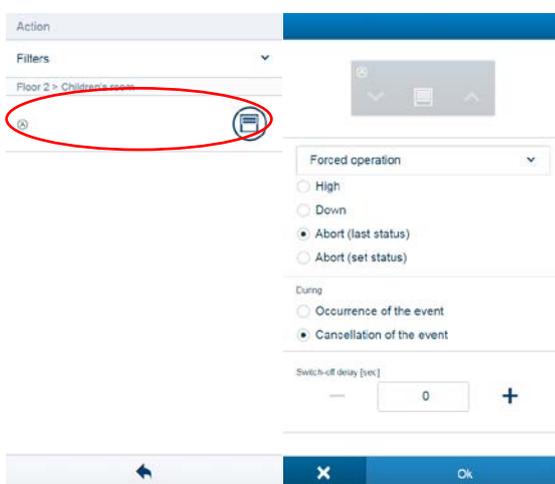
- Here you can also parameterize if there is a NC contact connected to the magnetic switch.

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





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



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

Abort (last status):

- The blind is moved into the last position that was parameterized before the forced operation was activated.

Abort (set status):

- In this case, the blind button is active and you can parameterize the position by using the arrows on the left and right..

Important: If the blind's position is not changed here, the current position will be saved.

References to other documents

- [FAQ Home and Building Automation](#)
- [FAQ free@home](#)
- [Engineering Guide Database](#)