Brief description | 29.02.2024

ABB-free@home®

Velux Interface KLF 200

How can skylights from Velux with motorization, shading or darkening be integrated and controlled in ABBfree@home®?

Table of contents

1 Introduction 3

1.1 Functionality 3

2 Setup 4

2.1 Setting up the Velux KLF 200 interface 4

2.2 Installing the add-on in the ABB-free@home® system 5

2.3 Control and operation of the ABB-free@home® system 7

1 Introduction

Velux windows can be motorized to open, shade or darken. Thanks to solar-powered supply and wireless communication, this is often feasible even for retrofit installations.

Users can now not only centrally control their lighting, heating, and security systems but also seamlessly integrate their skylights into their smart home experience.

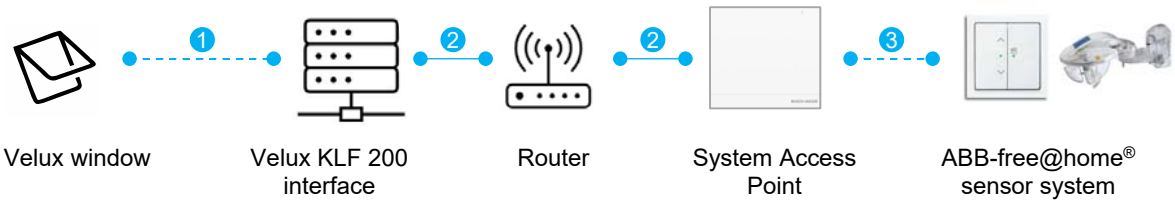
From remote control using the free@home app to fixed panels and switches, this solution offers a variety of control options.

By being able to control Velux skylights directly through the ABB-free@home® system, users can not only optimize the light and ventilation of their space and improve the energy efficiency of their home, but also protect the building when it rains by automatically closing the window (e.g. via the weather station).

Preconditions:

- Velux windows with motorized Velux components (motor, roller blind, roller shutter, possibly combined)
- Velux KLF 200 interface
- System Access Point with firmware 3.2.4 or higher
- System Access Point and KLF 200 interface are in the same network

1.1 Functionality

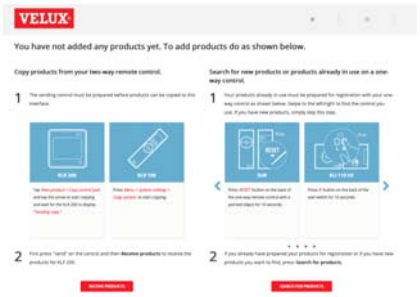


The motorized Velux windows communicate wirelessly [1] with the Velux KLF200 gateway. The KLF 200 interface can communicate via IP communication [2] with the System Access Point of the free@home system [3].

The connected windows are recognized and can be placed on the floor plan in the ABB-free@home® system and linked to other devices in the ecosystem.

2 Setup

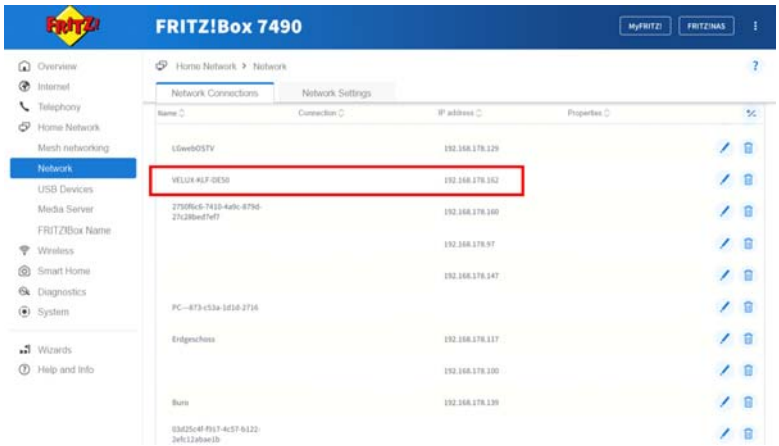
2.1 Setting up the Velux KLF 200 interface



1. Configure the Velux KLF 200 interface and connect all your motorized windows to it.

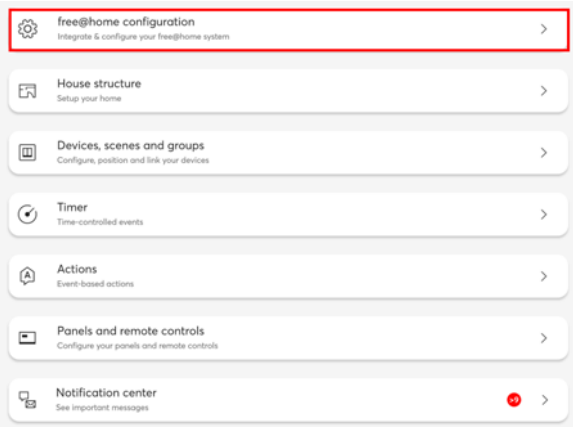
Note
You can find more information at:
www.youtube.com/watch?v=47dUdAHTCBA

2. Make sure that the Velux KLF 200 interface is installed in the same network as the System Access Point of ABB-free@home®, connect it and activate DHCP.

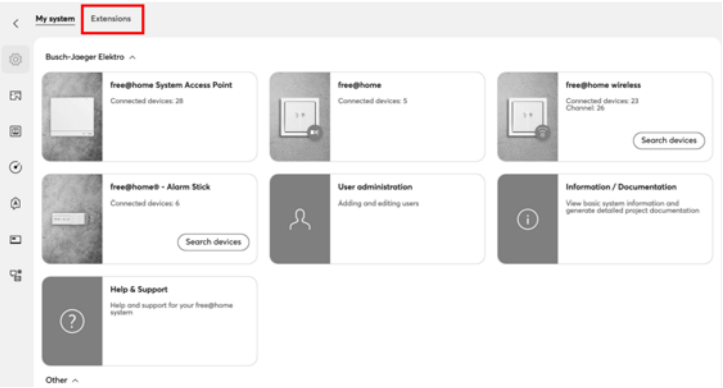


3. Identify the IP address of the Velux KLF 200 interface in your local network. This can be identified in the router, for example.

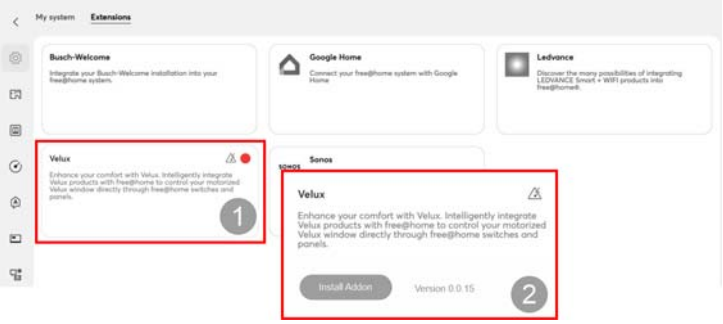
2.2 Installing the add-on in the ABB-free@home® system



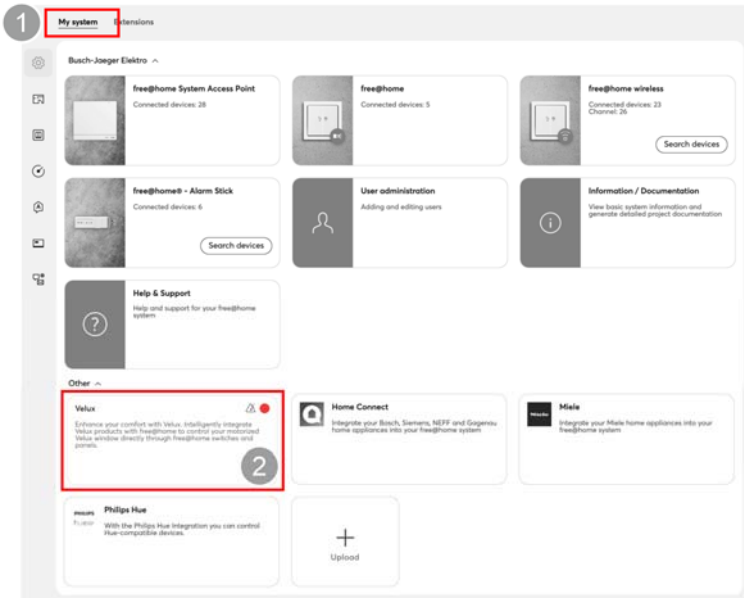
1. Log in to the configuration interface of the System Access Point and select the menu "free@home configuration".



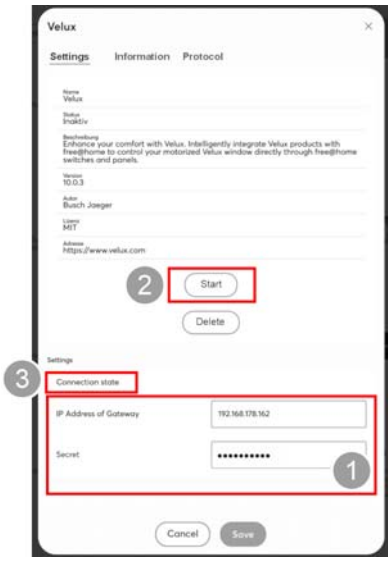
2. Go to the add-on store under "Extensions".



3. Select the Velux add-on [1] and install it [2].



4. After successful installation, the add-on is displayed in the „My system“ area [1]. Open the add-on [2].

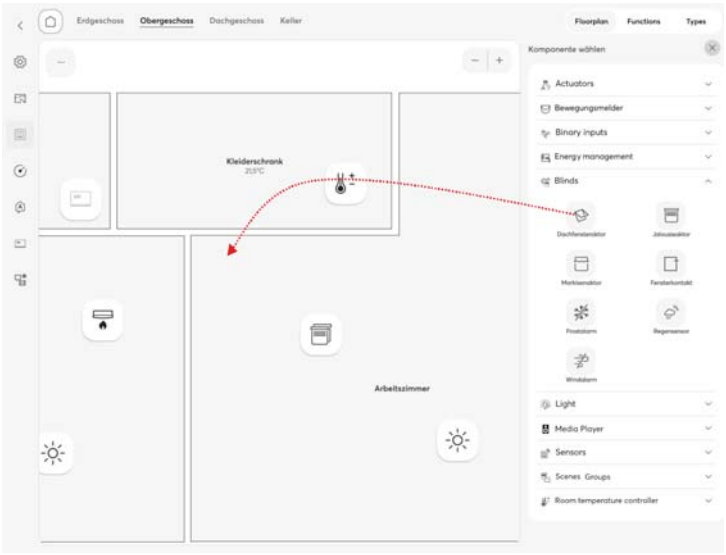


5. Type in the IP address and the password [1] of the Velux KLF 200 interface.

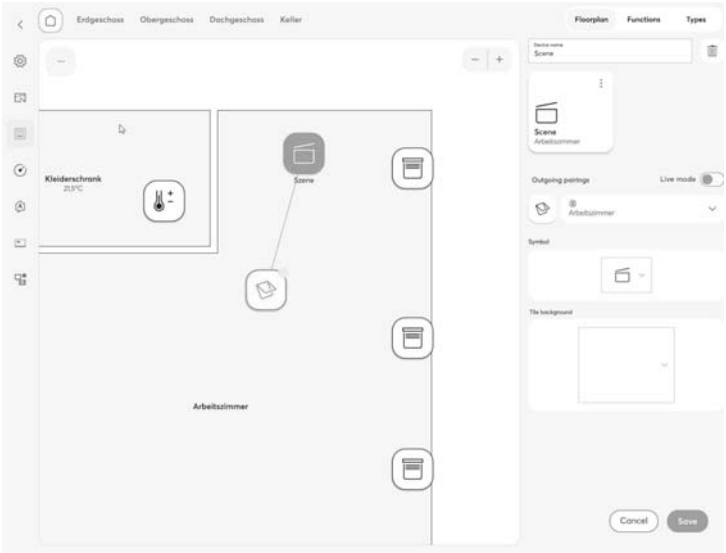
   The standard password of the Velux KLF 200 interface is located on the back of the device.

   – Start the add-on [2].
   – Check whether the pairing was successful [3].

2.3 Control and operation of the ABB-free@home® system



1. After setting up the add-on, the windows, roller blinds, roller shutters and so on registered on the Velux KLF 200 interface are available as "blinds" and can be placed in the floor plan like a blind actuator via the skylight icon, for example.



2. The skylight can now be connected to switches and scenes or integrated into actions ("it's raining – close skylight", for example).

Busch-Jaeger Elektro GmbH
Ein Unternehmen der ABB Gruppe

Freisenbergstraße 2
58513 Lüdenscheid

https://new.abb.com/de
info.bje@de.abb.com

Kundenservice:
Tel.: +49 2351 956-1600
Fax: +49 2351 956-1700

Copyright© 2024 Busch-Jaeger Elektro GmbH
All rights reserved

2CKA000073B5690