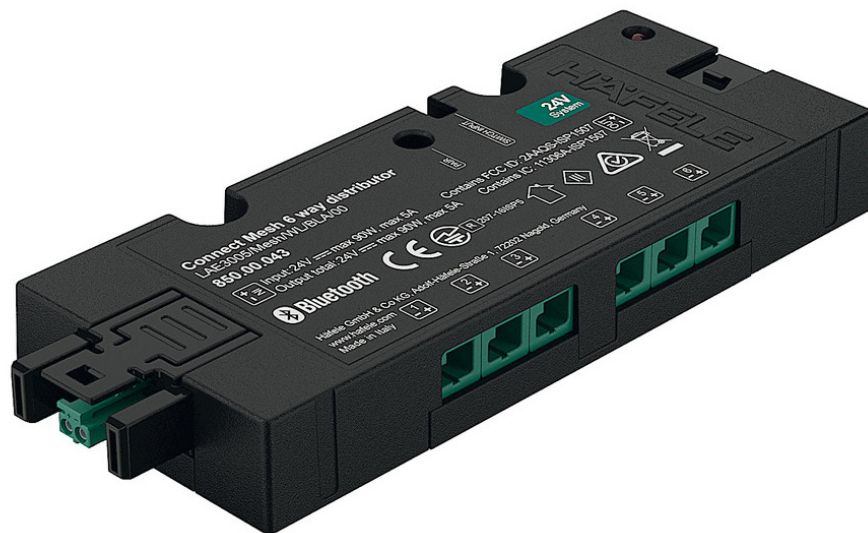
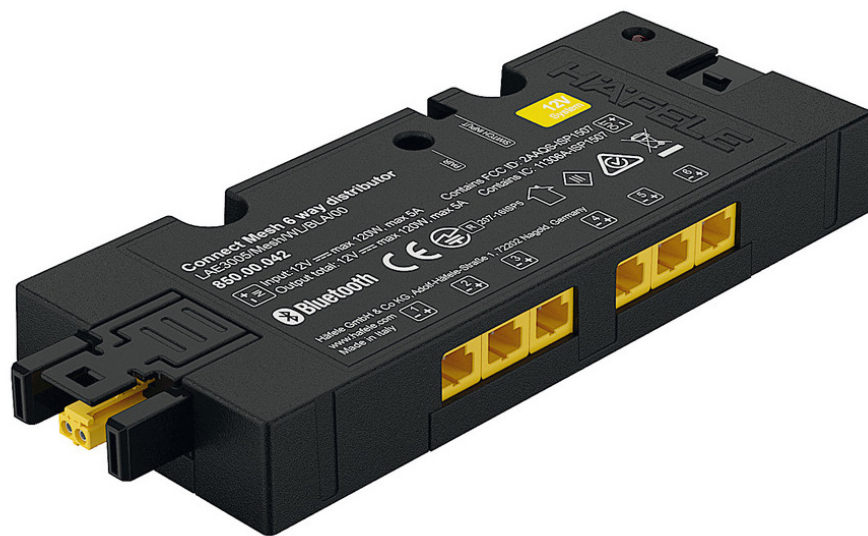


Connect Mesh 6-way Distributor Version 2.0

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HDE 26.07.21

1. Change history

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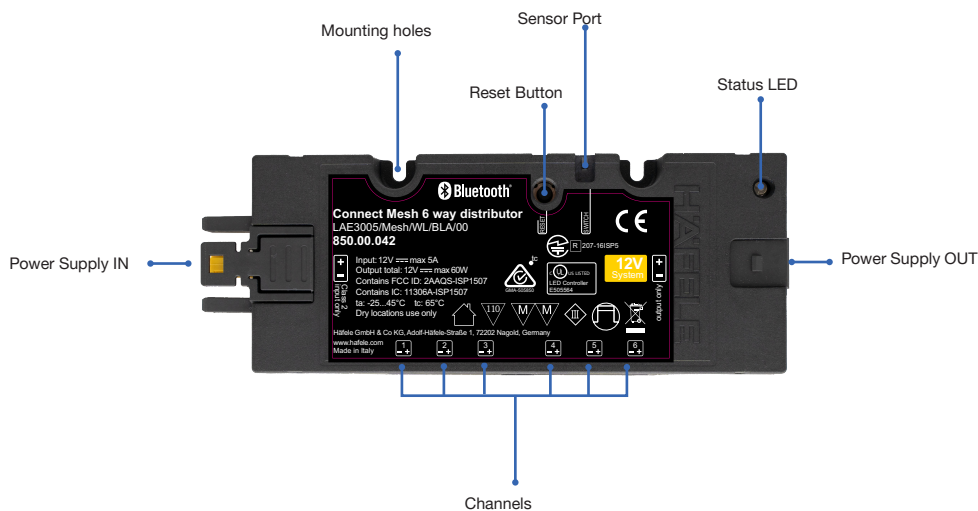
Version	Date	Changes
1.0	06/2020	Initial Documentation
2.0	05/2021	Added new functions

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2. Connect Mesh 6-way Distributor

2.1. General information



[Image 1]

The Connect Mesh 6 way distributor acts as a node in your BLE Mesh network in which the connected devices are controlled such as LED products and electrical furniture fittings.

With Bluetooth® Mesh, several Bluetooth® devices are combined to a meshed network. This means that each device (node) in the network is connected to one or more devices and can communicate. Devices that belong to a network work even if they are not in direct range of one another. It just has to be ensured that a member of the network is within range to forward the data packages.

2.2. Power Supply

Connect the device to the power supply by plugging it into a Häfele Loox LED Driver. Please note the specified maximum allowed power values of the Driver and the Connect Mesh 6 way distributor. This information influences the maximum performance of the connected devices.

2.3. Ports

The Connect Mesh 6 way distributors have 6 controllable outputs and one output that outputs provides the permanently constant power supply.

2.4. Sensor Port

Each Connect Mesh 6 way distributor has a standard Loox sensor input. Hereby, various sensors can be connected with this. This can be e.g. dimmer and switch. Compatible switches are listed below.

2.4.1 Supported Sensor Models

LED IR Dimmer Switch



Product number: 833.89.126
 You can toggle devices on and off or dim lights by holding.

IR-Sensor Switch On/Off



Product number: 833.89.127
 You can toggle devices on and off.

Door Sensor Switch



Product number: 833.89.128
 If the sensor is covered, the signal turns off otherwise on.

Motion Detector



Product number: 833.89.135
 The signal turns on for 30 seconds if motion is detected and then turns off again.

IR Sensor Switch



Product number: 833.89.136
 You can toggle devices on and off by approaching the IR-sensor on the side.

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IR Sensor Switch Modular



Product number: 833.89.137
 You can toggle devices on and off by approaching the IR-sensor on the side.

IR-Dimmer Modular



Product number: 833.89.129
 You can toggle devices on and off or dim lights by approaching the IR-sensor on the side and or holding.

Capacitive Switch



Product number: 833.89.087
 You can toggle devices on and off by touching the enclosure.

Capacitive Dimmable Switch



Product number: 833.89.133
 You can toggle devices on and off or dim lights by touching the enclosure constantly.

Switch Door



Product number: 833.89.059
 If the sensor is pressed, the signal turns off otherwise on.

Switch Door Modular



Product number: 833.89.143
 If the sensor is pressed, the signal turns off otherwise on.

Switch Foot



Product number: 833.89.046
 You can toggle devices on and off by pressing the physical button.

Switch Rocker



Product number: 833.89.106
 You can toggle devices on and off by changing the rockers state.

Switch Push



Product number: 833.89.108
 You can toggle devices on and off by pressing the button.

2.5. Provisioning

The Häfele Connect Mesh 6 way distributor can be provisioned when the red Status-LED on the topside flashes. Start the Connect Mesh app and tap on "Add devices". The Mesh box will be displayed in the list of devices found. Tap the icon to start the provisioning mode. Follow the instructions in the app. After provisioning, you can assign the individual functions to the Mesh box in the app. For further details, please read the Connect Mesh App Operational Manual.

2.6. Update Mode

In case the firmware is outdated, the user will be notified in the Connect Mesh App. Then the user can start and perform the firmware update of the mesh device. (more information in the specific *Häfele Connect Mesh App*).

Option 1: Update via App

If the Mesh device is provisioned the update can be done by:

1. Click on Mesh device and click on edit icon and scroll down to the bottom of the page. You can find the "Update Device icon".
2. Click on this icon to update the Firmware.

Option 2: Manual Update via Reset Button

1. Press and hold the Reset Button on the Mesh device and at the same time, connect the Mesh Device into Power supply. This will bring the Mesh device in OTA-Update mode.
2. Press "Menu" icon, click on "Settings" and click on " Extended Settings" and then click on "Search device in Update Modus".
3. The Mesh device will be displayed. Select Mesh device to start the Firmware Update.

2.7. Reset

Option 1: Reset via App

If the Mesh device is provisioned, the reset can be done by:

1. Click on Mesh device and click on edit icon and scroll down to the bottom of the page.
2. You can find the "Delete Device" icon.
3. Click on this icon and select "Reset" option to reset the mesh device.

Option 2: Manual Reset by Reset Button

1. Press the Reset button for at least 8 seconds and release it.
2. The Mesh device will be reset and ready for Provisioning again in the Häfele Connect Mesh App.

2.8. Status LED

The status LED is located on the top of the device.

Status LED Behaviour	Meaning
Off	The Connect Mesh 6 way distributor is switched off.
Blinking	The Connect Mesh 6 way distributor is in provisioning mode and is ready to be added to an existing Connect Mesh network.
On	The Connect Mesh 6 way distributor is in normal operation mode.
Fast Blinking	Connect Mesh 6-way distributor is in OTA-update mode and it will remain in OTA-update mode for 60 seconds or until the power is interrupted. (Note: Led will blink faster than unprovisioned state)