



Eutonomy

## Eutonomy - euFIX R223 DIN adapter (with button)

SKU: EUT\_EUFIXR223

### Quickstart

This is a **Z-Wave Device** for . To run this device please connect it to your mains power supply.

### Important safety information

Please read this manual carefully. Failure to follow the recommendations in this manual may be dangerous or may void the warranty. The manufacturer, distributor and seller shall not be liable for any loss or damage resulting from failure to comply with the instructions in this manual. This equipment is only for its intended purpose. Follow the disposal instructions. Do not dispose of electronic equipment or batteries in the general waste.

### What is Z-Wave?

Z-Wave is the international wireless protocol for communication in the Smart Home. This device is suited for use in the Smart Home.

Z-Wave ensures a reliable communication by reconfirming every message (**two-way communication**) and every mains powered node can act as a repeater for other nodes (**meshed network**) in case the receiver is not in direct wireless range of the transmitter.

This device and every other certified Z-Wave device can be **used together with any other certified Z-Wave device regardless of brand and origin** as long as both are suited for the same frequency range.

If a device supports **secure communication** it will communicate with other devices secure as long as this device provides the same or a higher level of security. Otherwise it will automatically turn into a lower level of security to maintain backward compatibility.

For more information about Z-Wave technology, devices, white papers etc. please refer to [www.z-wave.info](http://www.z-wave.info).

### Prepare for Installation / Reset

Please read the user manual before installing the product.

In order to include (add) a Z-Wave device to a network it **must be in factory default state**. Please make sure to reset the device by performing an Exclusion operation as described below in the manual. Every Z-Wave controller is able to perform the exclusion operation of the primary controller of the previous network to make sure the very device is excluded properly from this network.

### Safety Warning for Mains Powered Devices

**ATTENTION:** only authorized technicians under consideration of the country-specific installation guidelines/norms may perform the assembly of the product, the voltage network has to be switched off and ensured against re-switching.

## Inclusion/Exclusion

On factory default the device does not belong to any Z-Wave network. The device needs to be **added to an existing** devices of this network. This process is called **Inclusion**.

Devices can also be removed from a network. This process is called **Exclusion**. Both processes are initiated by the p controller is turned into exclusion respective inclusion mode. Inclusion and Exclusion is then performed doing a speci

## Quick trouble shooting

Here are a few hints for network installation if things dont work as expected.

1. Make sure a device is in factory reset state before including. In doubt exclude before include.
2. If inclusion still fails, check if both devices use the same frequency.
3. Remove all dead devices from associations. Otherwise you will see severe delays.
4. Never use sleeping battery devices without a central controller.
5. Dont poll FLIRS devices.
6. Make sure to have enough mains powered device to benefit from the meshing

## Technical Data

<b>Dimensions</b>	0.0348000x0.0647000x0.0873000 mm
<b>EAN</b>	5906874103401
<b>Frequency</b>	XXfrequency
<b>Maximum transmission power</b>	XXantenna

## Explanation of Z-Wave specific terms

- **Controller** — is a Z-Wave device with capabilities to manage the network. Controllers are typically Gateways, Rer controllers.
- **Slave** — is a Z-Wave device without capabilities to manage the network. Slaves can be sensors, actuators and ev
- **Primary Controller** — is the central organizer of the network. It must be a controller. There can be only one prima
- **Inclusion** — is the process of adding new Z-Wave devices into a network.
- **Exclusion** — is the process of removing Z-Wave devices from the network.
- **Association** — is a control relationship between a controlling device and a controlled device.
- **Wakeup Notification** — is a special wireless message issued by a Z-Wave device to announces that is able to co
- **Node Information Frame** — is a special wireless message issued by a Z-Wave device to announce its capabilitie

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