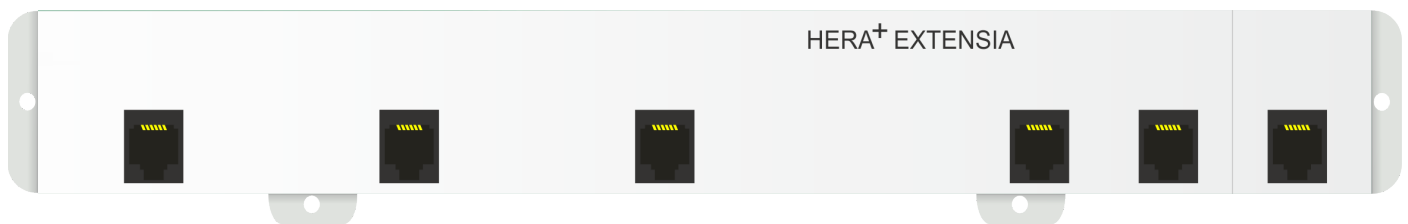# HERA⁺ EXTENSIA
Extension Module

Data sheet

Brief description:

Radio underfloor heating strip (6-zone extension module) in combination with the Hera+ Radio Room Thermostats/Hera Direct+ Room Thermostats and Hera+ Actuators, for individual room control Enables precise control of underfloor heating by means of stepper motors. The blossom-ic technology determines and regulates the energy required for an optimum room temperature. In conjunction with Gateway GT-100.

Hera⁺ Extensia

HERA⁺ EXTENSIA

Item number: HE-3972

Properties

- •❭ Radio underfloor heating strip for controlling individual rooms using Hera+ Radio Room Thermostats/ Hera Direct+ Room Thermostats and Hera+ Actor actuators.

- •❭ For extending the Hera+ Primus wireless underfloor heating strip (6 zones)

- •❭ 6 zone control with one actuator per port

- •❭ Incl. extension plug for connection to the Hera+ Primus - no need for a new power connection with power supply unit. The extension bar receives its power supply from the Hera+ Primus bar

- •❭ Up to 4 Hera+ Extensia wireless underfloor heating strips can be connected to one Hera+ Primus.

- •❭ Ultra-flat, external antenna.

- •❭ No electrical work required - finished plug system RJ 11 Jack (Plug, Patch, Play)

- •❭ Repeater for the blossom-ic system.

- •❭ In connection with GT-100 Gateway

- •❭ Data protection: All data is stored exclusively in your personal gateway.

Scope of application

Hera⁺ Extensia

Radio underfloor heating strip (6-zone extension module) in combination with the Hera+ Radio Room Thermostats/Hera Direct+ Room Thermostats and Hera+ Actuators, for individual room control Enables precise control of underfloor heating by means of stepper motors. The blossom-ic technology determines and regulates the energy required for an optimum room temperature. In conjunction with Gateway GT-100.

Gateway GT-100

For controlling Hera+ wireless room thermostats/Hera Direct+ room thermostats via the Internet, simply and conveniently using the blossom-ic app. The blossom-ic app is available for all smartphones and tablets with iOS and Android.

Radio Frequency Communication

- blossom-ic RF: 2.4GHz, ISM Band, 16 channels
- Range: up to 50 m in buildings
- Technology blossom-ic RF: 2.4 GHz radio with 250kbps, offset quadrature, data in 5.0 MHz channels

Technical data

Technical data - Hera⁺ Extensia	
Power consumption	**Max. 12 W (with 30 actuators connected)**
Dimension	**262 x 46 x 28 mm**
Operating voltage	**DC 12 ~ 24V 1A**
Power supply	**Is supplied by the Hera+ Primus (base module) Extension BUS Connector (5V)**
Connection port	**Patch Kabel RJ11**
LED light	**Display for Internet and radio connection**
Protection class	**IP 30**
RF-Test	**RED 2014/53/EU**
CE	**Available**
RoHs	**Available**
Extendable with	**Up to 4 Hera+ Extensia with one Hera+ Primus**

Application example

1 x Hera+ Primus (Basic module)

+ max. 4 x extension Hera+ Extensia (Extension module)   »   30 Circuits

To be noted:
Five Hera+ Primus strips can be connected to one gateway. This makes it possible to control 150 circuits via one gateway.

Further features

•) Mounting: on the wall or in the distribution cabinet

•) Ambient temperature: 0…+50 °C

•) Storage temperature: -20......+70 °C

•) Humidity range: max. 5…90 % non-condensing

blossom-ic

intelligent controls