



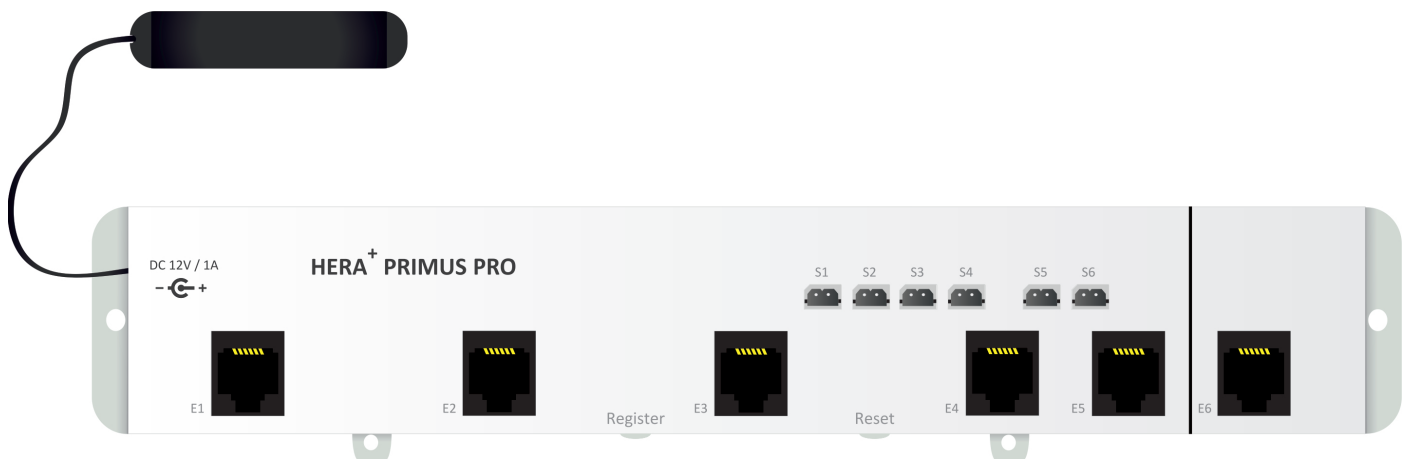
HERA+ PRIMUS PRO Basic Module

Data sheet

Brief description:

Radio underfloor heating strip (6-zone basic module) in combination with the Hera+ radio room thermostats/Hera Direct+ room thermostats and the Hera+ actuators. Optional connection of the Hera+ return temperature sensors. With digital hydraulic balancing. Also suitable for retrofitting. In conjunction with Gateway GT-100.

Hera+ Primus PRO



Item number: HPPR-4020

Properties

- Radio underfloor heating strip for controlling individual rooms using Hera+ Radio Room Thermostats/ Hera Direct+ Room Thermostats and Hera+ Actor actuators.
- Expandable with Hera+ Extensia PRO wireless underfloor heating strip (6-zone module))
- Connection to the actuators by patch cable RJ 11
- 6-zone control with 1 actuator per port.
- Up to 150 actuators can be controlled with one room or radio room thermostat
- With optional connection for Hera+ return temperature sensor
- Ultra-flat, external antenna.
- Up to 4 Hera+ Extensia PRO can be extended with one Hera+ Primus PRO bar
- With power supply unit 230V
- 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+ Primus PRO

For controlling underfloor heating using Hera+ Actor and Hera+ Radio Room Thermostats/ Hera Direct+ Room Thermostats. Also suitable for retrofitting. With digital hydraulic balancing. Enables precise control of the underfloor heating using stepper motors. The blossom-ic technology determines and regulates the energy required for an optimum room temperature.

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 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+ Primus PRO

• Power consumption	Max. 12 W (with 30 actuators connected)
• Dimension	262 x 46 x 28 mm
• Operating voltage	DC 12 ~ 24V 1A
• Mains voltage	230V AC / 50/60Hz
• Connection port	Patch cable RJ11
• LED light	Display for Internet and radio connection
• Protection class	IP 30
• RF-Test	RED 2014/53/EU
• CE	Available
• RoHs	Available
• Type of antenna	PCB Antenne
• Extendable with	Up to 4 Hera+ Extensia PRO Radio underfloor heating strips

Can be expanded at any time with Hera+ Extensia PRO wireless underfloor heating strip (6-zone module)

Application example

1 x Hera+ Primus PRO (Basic module)

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

Information:

5 Hera+ Primus PRO strips can be connected to a Gateway GT-100. This makes it possible to control 150 circuits via a gateway.

Further features

- Power supply unit: plug-in adapter 230 V
- 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



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