



Before operating the unit, please read this manual thoroughly and retain it for future reference.

Model No. 0910-09

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

Description

The Basalte Serial.Bridge is a DIN Rail mountable interface that connects to the Basalte Core server. With this setup you can integrate Basalte RS485 keypads and motion sensors with Lutron Homeworks QS(X).

The Serial.Bridge supports a total of 4 x RS485 lines with a maximum of 32 devices per line (= 128 devices in total).

How to start up

Connect the serial bridge to the Core via the provided USB cable. When connected to the Core, the LED of the Basalte logo should turn white. Core needs to be configured using Basalte Studio. For more information, please refer to [the software manual](#).

Connect the Serial.Bridge to the 24V power supply unit (not included).

Connect the 4 colored strands to the RS485 bus cable in accordance to the standard RS485 guidelines.

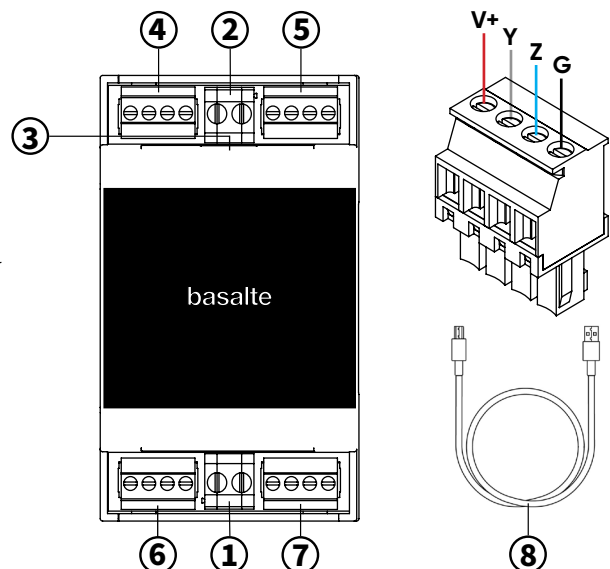
Power

The power required by the power supply depends on the components that you connect to the serial bridge. The power consumption of the different components is:

- Serial.Bridge: 10W
- Sentido or Fibonacci keypad: 1W
- Auro motion sensor: 0.5W

Identification of the parts:

- 1 24V Power in (Power supply unit not included)
- 2 GND
- 3 USB-B connector to connect to Basalte Core server
- 4 Bus 1
- 5 Bus 2
- 6 Bus 3
- 7 Bus 4
- 8 USB-A to USB-B cable (180 cm) to connect serial bridge to Basalte Core server



Technical data

Power: 24V (min. 20W)

Ambient temperature:

Operation: -5°C to 45°C

Storage: -15°C to 55°C

Transport: -15°C to 55°C

Dimensions: w 53 x h 90 x d 59 mm

Modular size: 3 modules

Max. humidity: 93% relative humidity, no moisture condensation

Protection class: II

Type of protection: IP 20

Certification: CE