GUDE PDU/Core Integration

This application note will focus on the integration of the Core Plus/S4/Mini with GUDE PDUs. This integration will be useful to be able to power cycle devices remotely using the pro.basalte.live platform.

Step 1: Studio Configuration

- Drag and drop a Gude PDU from the library to the device rack.
- Enter a desired name (optional).
- Specify power output size.
- Choose Output 1, then on the right side, specify the type: Custom or Device.
  - Choose Device, then under "Device", select the desired device in the project.
  - Choose Custom in case the device is not in the project, then specify the custom name.
- Specify power cycle duration.
- Repeat the above steps for all the outputs.
- Press on Discover, then select the Gude PDU device from the list.
- The IPv4 address will be automatically filled.
- Push to server.

The PDU can also be used in the logic using the block “Power Distribution Unit”. The integrator will be able to power on/off outputs, trigger a power cycle to outputs, and check the status of the outputs.
Step 2: Power cycling via pro.basalte.live platform

- Sign in to your pro.basalte.live account.
- Choose the desired project, then you will be redirected to the devices page.
- Choose which device needs to be power cycled, select the 3 dots on the right side of the device, then press the “Power Cycle” button.
- Afterwards, you will get a notification that the power cycle command was triggered successfully for the device.