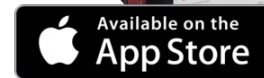




SCHLEIFENBAUER

PDU 5.0 Daisy Chain Module



Schleifenbauer PDU 5.0 – Daisy Chain Module

Quick Start Guide: Integration in Ring Topology

1. Purpose of the Daisy Chain Module

The Daisy Chain Module enables multiple Schleifenbauer PDU 5.0 units to be linked in a ring topology, ensuring redundancy and simplified management.

⚠ Note: A Daisy Chain Module cannot operate standalone. It requires either:

- 1 Gateway Module (for integration with the EnerTree DCEM platform)
- 1 Controller Module (for local management via web interface).

2. Ring Topology & Capacity

- A ring can consist of one PDU with Gateway or Controller Module and up to 99 PDUs with Daisy Chain Modules.
- This allows up to 100 PDUs in one managed ring.

3. Physical Installation

- Insert the Daisy Chain Module into the designated slot of the PDU.
- Connect the in and out ports of each Daisy Chain Module to form a ring between PDUs.
- Ensure the communication loop is closed for redundancy.

4. Network Communication & Security

- The Daisy Chain Module is deliberately not equipped with an Ethernet port to provide hardware-level security.
- All data communication and control is routed exclusively through the master PDU (Gateway or Controller).
- The Daisy Chain Module itself has no IP address.

5. Auto-Discovery

- Once the ring is connected and powered, all Daisy Chain PDUs are automatically discovered by the master PDU.
- Verify discovered devices:
 - In EnerTree → Settings > Connections > Device Overview.
 - In Controller Web Interface → Device Overview.

6. Monitoring and Control

- Measurements (voltage, current, power, energy) and outlet switching (if supported) are available through the Gateway or Controller.
- Configure alerts, thresholds, and rules centrally on the master device.

7. Support

Manuals, apps, software updates & support: <https://www.schleifenbauer.eu/en/support>

⚠ Safety Instructions

- This PDU is for professional use only.
- Always use Daisy Chain Modules together with a Gateway or Controller.
- Installation only by qualified personnel.
- Do not open the PDU enclosure – risk of electric shock and voided warranty.