SCHLEIFENBAUER PDU 5.0
Designed to your IT Infrastructure

One-Stop PDU Shop
Schleifenbauer delivers PDU configurations to your specifications, in any quantity, at no extra cost. Share your requirements, tender details or complete our request form to receive a proposal today.

Hot Swappable Communication Modules
Easily upgrade your PDU's monitoring capabilities with three module options:
Gateway: Advanced monitoring, management, analytics, and software-driven PDU intelligence via the included EnerTree DCEM software platform.
Controller: Conventional monitoring with EnerTree Lite WEB GUI for independent management and direct integration with any DCIM software.
Daisy Chain: Secure data relay to a Gateway or Controller, enabling a cost-effective, hardware-secured PDU network ring in a daisy chain setup.

EnerTree DCEM Software
PDU 5.0 includes free Data Centre Energy Management software, enabling full PDU intelligence for monitoring and management.
Seamless DCIM integration supports HTTP/HTTPS, REST API, MODBUS/TCP, SNMP (v1/v2c/v3), IPv4/IPv6, and more.
Built with strong security, including user roles, Active Directory®, LDAP/S, AES 256-bit encryption, SSH, and SSL/TLS 1.3.
Gateway: EnerTree Platform (server/desktop install)
Controller: EnerTree Lite (embedded)

PDU Outlet Control
Quickly resolve issues or extend critical device runtime during power failures with outlet-level control. The PDU features N-ZVS and bi-stable relays for reliable switching and energy efficiency during power events.

Versatile & Secure Power Outlets
Our combination C13/C15/C19/C21 outlet allows flexible connections for C14, C16, C20, and C22 plugs in a single socket. Custom outlet combinations, load balancing, and layouts are available to fit your needs. Prevent accidental disconnections with IEC Lock from Scolmore, and explore our other high-density outlets, fully compatible with V-lock cables.

Surge protection Type 3 by Dehn
Choose a Dehn surge protector in your rack PDU for protection against voltage spikes and optimal operational continuity. Type 3 provides direct protection for IT hardware, in addition to Type 1 and 2. It complies with EN 50600-2-2 and NEN-EN-IEC 62305 and follows the "10-meter rule" for maximum safety. Prevent downtime with smart protection and preventive maintenance.

Residual Current Sensor (RCS)
Select an RCS in your PDU to enhance electrical safety by detecting leakage currents, reducing the risk of electrical faults, and protecting connected equipment from potential damage.

External Earthing
The PDU's earthing complies with CE standards. An optional external earthing provision is available on request for installations with specific grounding requirements to reduce potential differences.

Environmental Monitoring
Supports 32 sensors. Proactively monitor environmental conditions within your cabinet to ensure optimal performance. A wide range of sensors are available to suit your needs, including temperature, humidity, airflow, door position, flood detection, and more.

LED Status Ring and Remote Display via NFC
No fixed display required—use the display app on your smart device, such as a tablet or smartphone, to create a fully functional PDU display. Simply connect to the PDU via NFC for easy, on-the-go PDU insight and monitoring.

Your logo
Our PDU concept allows for customization with your logo. If desired, we can add your logo to the PDU, or you can opt for an OEM partnership for further branding opportunities.

High scalability
Daisy-chain up to 100 devices on a single IP address and access real-time PDU data streams. With zero-touch provisioning to streamline deployment through self-configuration of downstream devices, reducing setup time.

Remote Connectivity
Dual 1 Gbps Ethernet (Ethernet & USB) enables fast data transfer, allowing remote access to the rack PDU via network or serial connection. Monitor power consumption and set custom alerts to prevent downtime.

Redundant Databus
Simplifies intelligent rack PDU connectivity and ensures continuous data reporting, even if there is a disruption in the network chain.

Low Profile Breakers
Compact hydraulic magnetic circuit breakers designed to maintain a streamlined PDU layout. Choose from a variety of circuit breakers, including thermal fuses, MCBs, and glass fuses. We offer free customization of your PDU with your preferred breakers, regardless of order quantity.

Power Monitoring with 0.5% Accuracy
Enables data center managers to monitor input and outlet-level power usage with 0.5% accuracy for precise and reliable energy tracking.

High Temperature Grade
Designed for environments with working temperatures exceeding 60°C, offering reliable performance in high-temperature conditions.
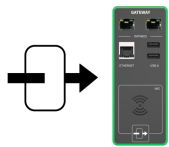
Input Options
We place the power input exactly where you need it, aligning it with the power source in your data centre. Available in 1-phase and 3-phase configurations with options for 10A, 16A, 32A, and 63A to simplify IT power infrastructure. You have also flexibility in cable length and plug type.

Minimal Ecological Footprint
Proudly designed and manufactured in the Netherlands, our products are built to order with fast delivery and free customization options, ensuring minimal environmental impact while meeting your specific needs.

SCHLEIFENBAUER PDU 5.0
YourPDU® *Request form*

Complete the form and send to: sales@schleifenbaer.eu

Infra		
PDU orientation	[ ] Vertical 0U [ ] Horizontal 19" [ ] Horizontal 21"	
Phase	[ ] Single-phase 1P [ ] Three-Phase 3P	
Current rating	[ ] 10A [ ] 16A [ ] 32A [ ] 63A	

Intelligence	
Basic PDU non-metered	[ ] Yes [ ] No
Input energy metering	[ ] Yes [ ] No
Branch-level energy metering	[ ] Yes [ ] No
Outlet-level energy metering	[ ] Yes [ ] No
Remote outlet switching	[ ] Yes [ ] No

Communication Module

Gateway Module Choose this module for advanced energy management with the included EnerTree Platform DCEM software. EnerTree offers comprehensive monitoring, risk management, historical analysis, and seamless DCIM integration. By externalising PDU intelligence, it maximises computing power, scalability, and software-driven capacity—eliminating the need for costly internal PDU hardware. Supports up to 10,000 PDUs in system. Measurement refresh rate: once a second.	[ ] Yes [ ] No	
Controller Module Choose this module for a standalone PDU solution with a built-in web interface, offering a familiar and conventional approach to PDU management. Ideal for data centres that prefer independent PDU control without relying on an external software platform. The EnerTree Lite embedded software provides a direct, user-friendly interface within the module itself, fully compatible with any existing DCIM software. Supports up to 100 PDUs in system. Measurement refresh rate: once per 5 seconds.	[ ] Yes [ ] No	
Daisy Chain Module Choose this module to securely and efficiently connect multiple PDUs without an Ethernet port, providing hardware-level security. As a Data Relay module, it enables centralised management of up to 100 PDUs using a single IP address. Ideal for large-scale installations with a ring topology, where one PDU with a Gateway or Controller module handles network communication, while up to 99 PDUs with Daisy Chain modules collect and transmit PDU measurement data.	[ ] Yes [ ] No	

Options

Fuse type (Mandatory on 32A and 63A PDUs)	[ ] Hydraulic magnetic [ ] Thermal [ ] MCB [ ] Glass fuse [ ] No fuse
Outlet type	[ ] IEC Lock Combi (CX: C13/C15/C19/C21) [ ] IEC Lock C13 [ ] IEC Lock C19 [ ] IEC320 C13 [ ] IEC320 C19 [ ] CEE 7/3 (Schuko) [ ] CEE 7/5 (UTE) [ ] BS 1363 [ ] GST 18I3 [ ] T13 [ ] T23 [ ] IEC60309 16A 250V 1P+N+PE [ ] exit lead w/ IEC60309 1P+N+PE 6hr) [ ] exit lead w/ IEC60309 3P+N+PE 6hr)
Outlet quantity (Specify quantity per outlet type)	
Cable length cable in cm (Standard 3-meter, custom lengths available. Specify in commence)	[ ] Standard 3 Meter [ ] Custom length
Connector plug (standard CEE IEC60309) Options per PDU type: **1P 16A PDU;** IEC60309 1P+N+PE 6hr , CEE 7/4 Schuko, C14, C20, BS 1363, Wieland GST18I3, T13, T23, Terminal connection, Phoenix QPD, C14 Chassis, C20 chassis **1P 32A PDU;** IEC60309 1P+N+PE 6hr, Terminal connection, Phoenix QPD **3P 16A PDU;** IEC60309 3P+N+PE 6hr, Wieland GST18I5, Terminal connection, Phoenix QPD **3P 32A PDU;** IEC60309 3P+N+PE 6hr, Terminal connection, Phoenix QPD **3P 63A PDU;** IEC60309 3P+N+PE 6hr)	[ ] CEE IEC60309 1P+N+PE 6hr [ ] CEE IEC60309 3P+N+PE 6hr [ ] CEE 7/4 Schuko [ ] C14 [ ] C14 chassis [ ] C20 [ ] C20 chassis [ ] BS 1363 [ ] Wieland GST18I3 [ ] Wieland GST18I5 [ ] T13 [ ] T23 [ ] C14 chassis [ ] C20 chassis [ ] Terminal connection [ ] Phoenix QPD connection
Cable entry (standard side cover top)	[ ] side cover top [ ] side cover bottom [ ] front top [ ] front bottom [ ] rear top [ ] rear bottom [ ] rear left [ ] rear right
Housing colour	[ ] black [ ] red [ ] blue [ ] yellow [ ] orange [ ] green [ ] silver
PDU Length (standard 3 meter or specific length. Specify in commence)	[ ] Standard [ ] Specific length
Dehn overvoltage protector Type 3	[ ] Yes [ ] No
Residual current sensor	[ ] Yes [ ] No
Extra external earthing provision on PDU	[ ] Yes [ ] No
Mounting options	[ ] Toolless Mount [ ] Table Mount [ ] Custom Bracket
Separate temperature humidity sensor	[ ] Yes [ ] No

PDU quantities	
Additional Notes / Custom Requests:	