SCHLEIFENBAUER
PDU 5.0
EnerTree
Catalogue 2025

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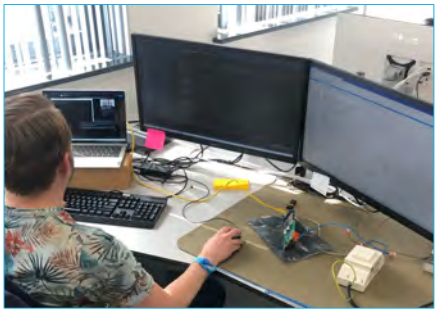
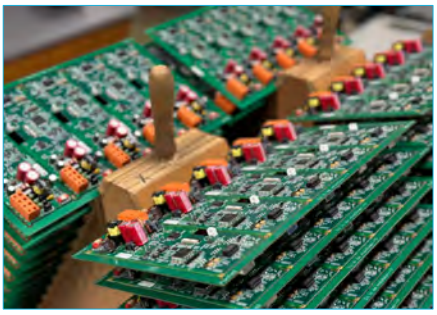
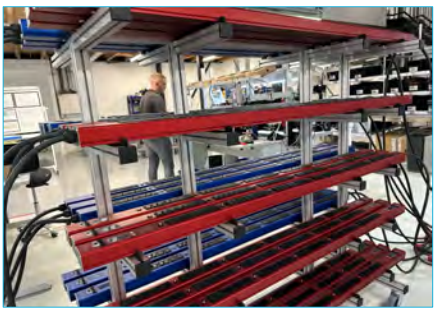





ABOUT SCHLEIFENBAUER

Innovation Through Dedication

At Schleifenbauer Products BV, we specialise in developing reliable rack PDUs and advanced energy management software for data centres and industrial environments. Proudly manufactured in the Netherlands—at the heart of Europe's data centre hub—our products are designed and engineered in-house to ensure exceptional quality and precision.

Whether you manage a hyperscale facility or a smaller-scale data room, Schleifenbauer delivers solutions that scale with your needs. From high-volume rollouts to one-off configurations, we support projects of any size—with the same focus on speed, quality and flexibility.

We offer both standard and project-specific PDU configurations, including tailored cable lengths, outlet types, surge protection and management options—delivered at no additional cost and with short lead times to keep your project on track. Our agile production and dedicated support team ensure a smooth experience from design to delivery.

Our latest development, the PDU 5.0, sets a new benchmark for efficiency, reliability, and sustainability. Its innovative design reduces energy consumption and environmental impact while maintaining robust power distribution. The PDU 5.0 integrates seamlessly with monitoring systems, providing real-time data insights for effective power management.

At Schleifenbauer, sustainability is embedded in every decision we make. Our PDUs are energy-efficient, designed to last over 15 years, and feature a modular architecture that minimises waste and reduces failure risks. Each unit is built to order—preventing overproduction—and is shipped using recycled materials or delivered packaging-free directly to the data centre white space. In-house manufacturing and a sustainable regional supply chain further reduce our environmental footprint.

Choose Schleifenbauer for expert power distribution solutions since 2008—backed by proven quality and industry-leading support. Get in touch to find out how we can support your next project.

SCHLEIFENBAUER PDU 5.0

Designed to your IT Infrastructure

One-Stop PDU Shop
Schleifenbauer delivers any PDU configuration to your project's needs. No searching for the best fit, we build the PDU to your specifications in any quantity, at no extra cost. Just share your requirements!

EnerTree DCEM Software
PDU 5.0 includes free Data Centre Energy Management software, enabling full PDU intelligence for monitoring and management.
Seamless BMS/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)

3 Different Hot Swappable Controller Modules
Easily upgrade your PDU's monitoring capabilities with three module options:
Gateway: Advanced monitoring, management, analytics, software-driven and centrlised PDU intelligence via 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.

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

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 per PDU. Proactively monitor environmental conditions within your cabinet to ensure optimal performance. A range of sensors are available to suit your needs, including temperature, humidity and digital input for airflow, door position, flood detection sensors 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 time stamp.

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 stream without polling delays. 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.

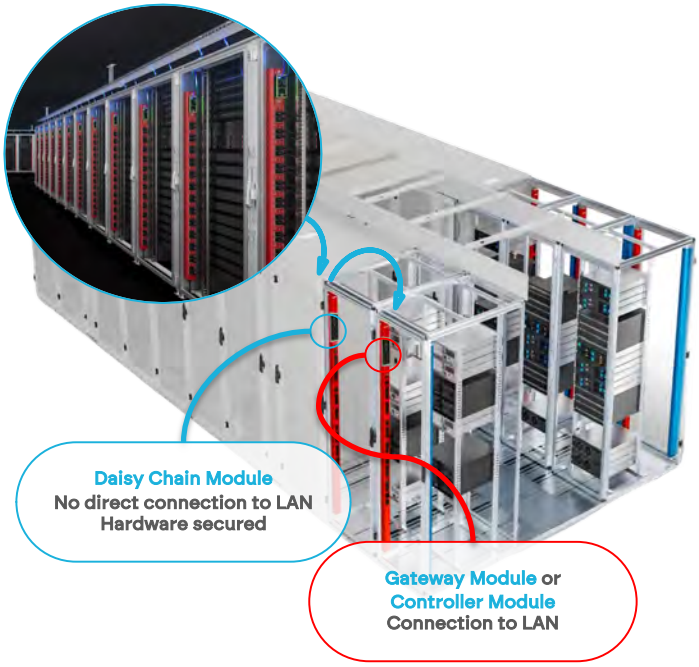
High Temperature Grade
Designed for environments with working temperatures exceeding 60°C, offering reliable performance in high-temperature conditions.

Input Options
We place the power input exactly where you need it (top/bottom, 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.

PDU 5.0 & EnerTree: A Scalable Monitoring Concept for Data Centres

Each Schleifenbauer PDU 5.0 collects detailed energy and outlet-level data via a communication module—either a **Gateway Module** or a **Controller Module**. In setups using a **Gateway Module**, all data is transmitted to the **EnerTree platform** software, which runs on a local server or desktop. This approach shifts data processing away from the PDU, enabling centralised monitoring across multiple devices with minimal load on the rack hardware. Alternatively, if the use of external software is not preferred, the **Controller Module** offers an ideal solution. It includes embedded **EnerTree Lite** software, enabling onboard intelligence and visualisation directly via the PDU's web interface. This makes it suitable for standalone installations or environments requiring self-contained monitoring without reliance on external systems.



Centralising PDU Intelligence

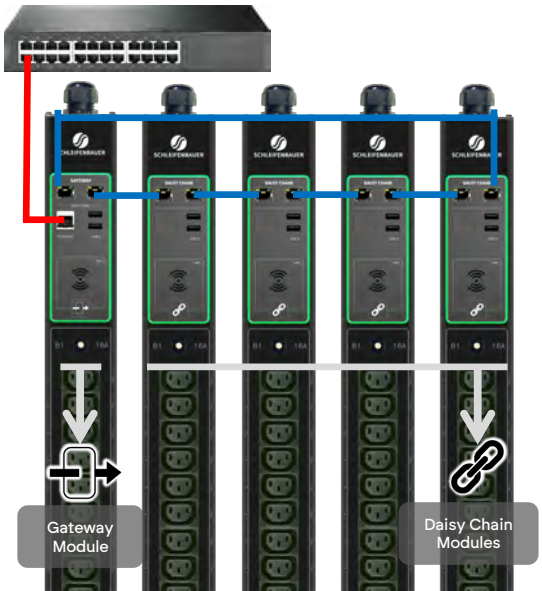
Traditional intelligent PDUs rely on embedded processors within each unit, increasing hardware complexity, cost, and dependency. Schleifenbauer takes a different approach with **PDU 5.0** and the **EnerTree platform**: by relocating intelligence to a central server or desktop via a **Gateway Module**, the PDU itself is optimised purely for **precise and reliable power measurement**. This architecture not only simplifies the hardware at rack level—it also unlocks the benefits of **high-performance, server-based software**. **EnerTree** enables advanced analysis, faster data handling, and seamless monitoring of large PDU deployments, helping data centres extract maximum value and control from their power infrastructure.

Efficient and Scalable Energy Management

EnerTree comes cost free with PDU 5.0 and is a full data centre energy management (DCEM) software. It is designed to manage large numbers of devices and supports up to **10,000 PDUs** within a network.

The software automatically generates an overview of all connected PDUs, allowing easy mapping of the physical data centre environment. It can be further specified at the **rack level**.

The software is intuitive and user-friendly, with dashboards automatically generated based on the implemented infrastructure, eliminating the need for user manuals.



Cascading

Combine a single PDU with **Gateway or Controller Module** with multiple PDUs equipped with **Daisy Chain Modules**, you create a **scalable and cost-effective ring configuration**. This setup ensures fast data transmission and efficient, secure energy management.

Communication Modules

Choose the communication setup that fits your data centre. Each module can be switched or upgraded at any time—transforming the functionality of the PDU without needing to replace it. All modules stream real-time data for live monitoring of power usage and environmental factors. The integrated LED ring instantly shows system status and alerts, helping administrators respond quickly and effectively.

The module is ESD safe and Toolless Hot-swappable. No fixed display required. Monitor PDU data directly in the rack via a secure NFC connection using the Rack PDU Display app on your smartphone or tablet.

When to Choose a Gateway Module

Connects securely to the network and works with the **EnerTree platform** for advanced, centralised monitoring via server or desktop.
Best for: Data centres that want to centralise intelligence for maximum processing power and reporting flexibility.

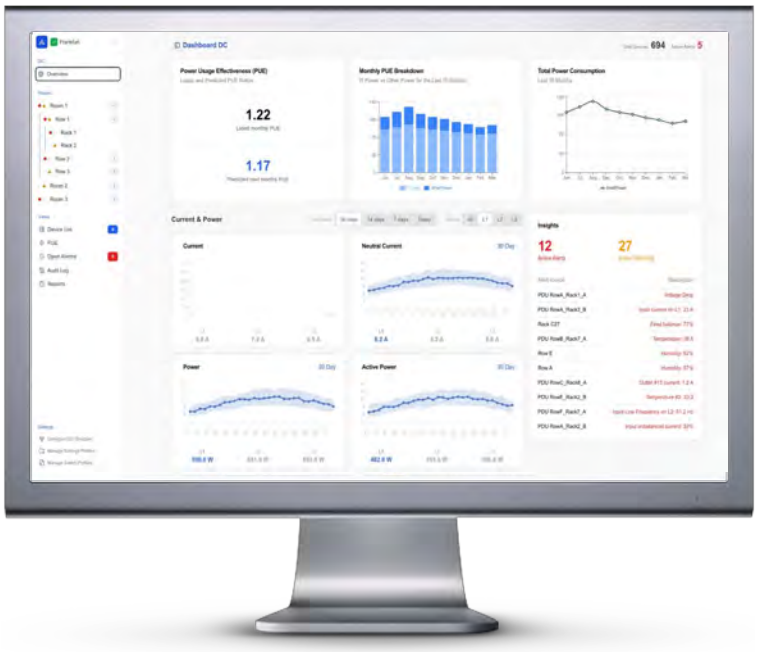
When to Choose a Controller Module

Includes embedded **EnerTree Lite** software and connects directly via LAN, offering onboard intelligence and real-time data access without external systems.
Best for: Data centres preferring device-level control in a more traditional, decentralised setup.

When to Choose a Daisy Chain Module

Acts as a data relay in a ring network. No Ethernet port for improving security while reducing installation cost and complexity.
Best for: Connecting up to 99 PDUs with Daisy Chan module to a single PDU with Gateway or Controller PDU for efficient, fast and hardware secured scalable monitoring.

Category	EnerTree feature	Platform	Lite
Communication	Module type	Gateway	Controller
Performance	Maximum number of PDUs in system	10.000	100
	Maximum number of rings supported	100	1
	Maximum number of PDUs in 1 ring (single IP address)	100	100
	Measurements refresh rate	once/s	once/5s
Device management	Auto discovery of new added PDUs in system	✓	✓
	Mass configuration	✓	✓
	Grouping of devices and aggregation of measurements	✓	
	Supports Schleifenbauer generation 2 and 3 devices	✓	
User management	Customizable roles and permissions, group management, etc.	✓	✓
Control & alerts	Group switching	✓	
	Configurable thresholds for all measurements (warnings/alerts)	✓	
Data	Dashboarding	advanced	basic
	Creation of reports	advanced	basic
	Scheduling of reports	✓	
	Export of data to files or databases	✓	✓
Security	Logging and auditing	advanced	basic
	Updating & Back-up (configuration, log files)	✓	✓



High-performance software

Developed to monitor and manage PDUs in data centres. With its powerful capabilities, **EnerTree** provides real-time insights and complete control over your rack power distribution infrastructure.

Integration

EnerTree Platform and **EnerTree Lite** seamlessly integrate with virtually any DCIM or power management system, ensuring full compatibility with modern data centre environments.

Supported Protocols & Interfaces:

- HTTP/HTTPS
- REST API
- MODBUS/TCP
- SNMP (v1, v2c, v3)
- SNMP Traps
- IPv4/IPv6
- SMTP
- Syslog
- Command Line Interface

Data Export Capabilities:

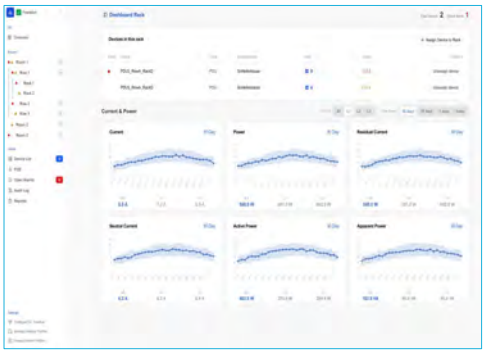
- MS SQL
- MySQL
- MariaDB

This broad integration ensures:

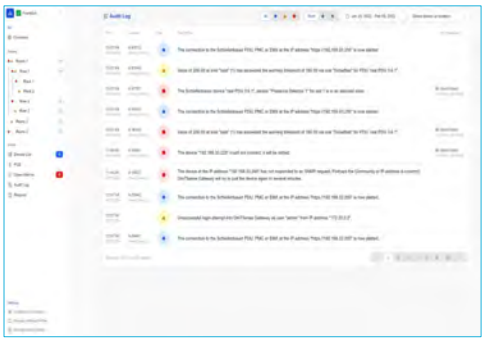
✓ Reliable real-time communication
✓ Streamlined monitoring
✓ Efficient power management

User Experience

Thanks to its intuitive interface and optimised UX, the system can be fully deployed independently, without the need for external support. This makes **EnerTree** a future-proof solution for efficient and intelligent energy management in data centres.



Rack dashboard



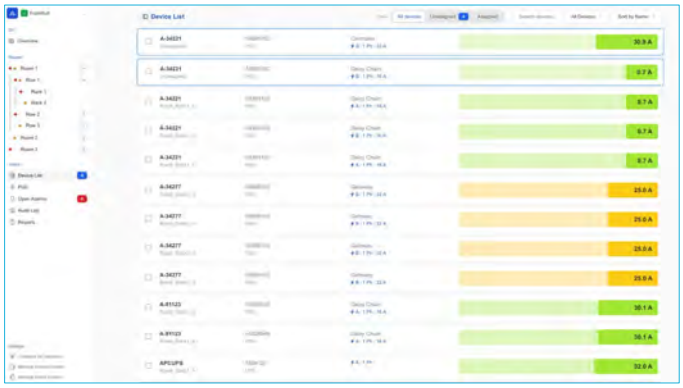
Audit log

Advanced Functionalities

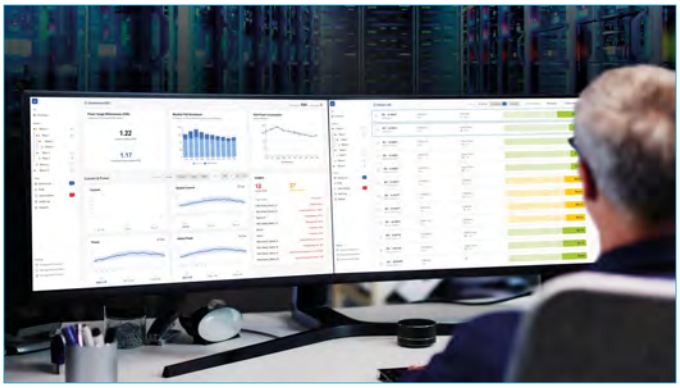
EnerTree provides extensive energy management features, including:

- **Comprehensive energy monitoring:** Real-time tracking of energy consumption, voltage, temperature, power quality, and harmonics.
- **Advanced alerts and notifications:** Automated alerts for threshold breaches, redundant failover detection, and tailored email notifications.
- **Intuitive rule creator:** Effortless threshold configuration with customisable rules.
- **Incident manager:** Identifies faults and supports predictive maintenance for proactive issue resolution.
- **Environmental monitoring:** Sensors for temperature, humidity, and other critical parameters.
- **Hierarchical view:** Clear representation of infrastructure for real-time visualisation and efficient monitoring.
- **Data analysis and reporting:** Historical data assessment, automated custom reports, and calculation.
- **Filtering options:** Display only relevant warnings and incidents to streamline management.
- **Automated backups and updates:** Ensures system continuity and keeps firmware up to date.
- **PUE calculation:** Advanced Power Usage Effectiveness (PUE) metrics for optimising energy efficiency.
- **Backwards compatible:** Previous generations of Schleifenbauer PDUs are fully supported by EnerTree.

Intelligent energy management tailored to modern data centres.



Capacity management



EnerTree Overview

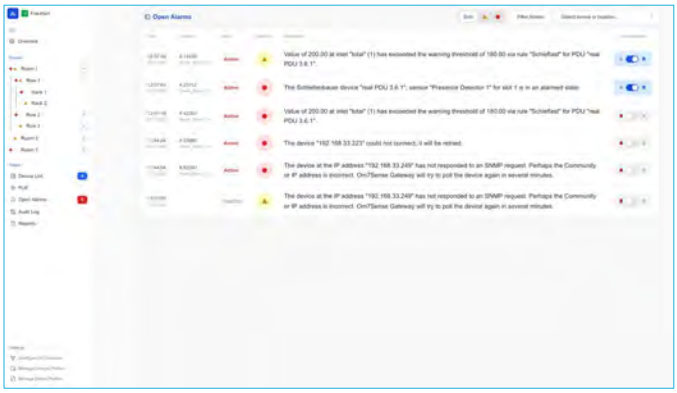
- Scalable for all data centre sizes
- Centralised management
- Secure data storage and protection
- Real-time analysis and visualisation
- Automatic PDU detection
- Customisable alerts and reports
- Automated firmware update reports
- Mass updates for efficient PDU management
- Full sensor support
- Secure PDU swaps
- Real-time daisy chain communication
- Automated backups and updates
- Fastest measurement refresh rate

PUE calculation

Management & Security

EnerTree offers advanced monitoring and security features for seamless data centre management.

- **Real-time Alerts & Reporting** – An open alarm list with status updates ensures immediate issue detection. Automated reports provide detailed insights into energy consumption.
- **User Management** – Assign PDUs to specific users with granular access control.
- **Data Integration & Export** – MySQL database integration supports in-depth analysis, while an embedded SNMP agent enables seamless energy data export to external software.
- **Robust Security** – Features include configurable strong passwords, user roles and permissions, Active Directory® and LDAP/S integration, 256-bit AES encryption, secure boot, SSH, SSL/TLS 1.3, and HTTPS.



Open alarm administration

EnerTree offers:

- **Comprehensive audit logs** to track all actions performed on PDUs
- **LDAP integration** for seamless user management within existing Active Directory environments
- **Detection of unused equipment** for fast adoption in the system
- **Automated backups** for enhanced security

System Requirements

EnerTree is compatible with modern data centre environments and can be deployed across various IT infrastructures:

- **Virtual systems:** VMware ESX(i) 4.1 or higher / Docker 18.03 or higher / Modern Linux OS
- **Memory:** Minimum 3 GB RAM
- **Storage:** Minimum 80 GB (OVF)

INPUT METERED

Metered Inlet PDUs with Flexible Communication Options
Schleifenbauer Metered PDUs with metered inlets provide accurate, real-time monitoring of power consumption at the inlet level. Measurement data is accessible both locally and over the network, making these PDUs a vital component in efficient, reliable and compliant data centre power infrastructure.

Key Benefits of Metered Inlet PDUs
- **Accurate power monitoring**: Enables precise insight into power consumption per device or device group, supporting capacity planning, cost allocation and infrastructure optimisation. Billing-grade accuracy (+/- 0.5%)
- **Overload prevention**: Real-time load tracking reduces the risk of downtime caused by overloaded circuits or tripped breakers.
- **Energy efficiency**: Identifies energy-intensive equipment, helping to reduce overall power usage and environmental impact.
- **Regulatory compliance**: Supports reporting for industry standards , with consistent and accurate measurement data.

Flexible Module Options to Match Your Infrastructure
This catalogue lists all PDU configurations with a **Gateway Module** as standard. However, the same PDUs are also available with a **Controller Module** or a **Daisy Chain Module**, depending on your infrastructure and monitoring preferences. Please specify your preferred module when requesting a quote.

Model

METERED PDU

GM 99CBHIN1101

METERED PDU 5.0 GATEWAY

1. Summary:

- horizontal PDU
- single phase 16 A
- metered input
- 12 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 440 x 65 x 52.5 mm (1.5 U) (excl. strain relief, mounting & cable bending radius)
MOUNT	sidecover 19 inch
POWER INPUT	single phase 16 A, 230VAC - 50Hz
CABLE ENTRY	power entry rear-side left
CABLE & PLUG	Power lead (3G2,5 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
INPUT METERING	voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	12 x IEC 60320 C13
FUSES	n/a
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour

1 Phase 16 ampere 3.6 kVA

Tender text bid submittal: GM 99CBHIN1101 Metered 1-phase 16A horizontal PDU (3.6 kVA) with 12 x IEC C13 outlets. Input metering. Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m CEE 16A plug. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓			

GM EA85VIN1101

METERED PDU 5.0 GATEWAY

2. Summary:

- vertical PDU (0 U)
- single phase 16 A
- metered input
- 24 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary **Enertree** PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 760 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius)
MOUNT	Toolless mount buttons (brackets not included) (distance=533, positions=113.3, 646.7mm)
POWER INPUT	single phase 16 A, 230VAC - 50Hz
CABLE ENTRY	power entry side-cover top
CABLE & PLUG	Power lead (3G2,5 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
INPUT METERING	voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	18 x IEC 60320 C13 , 6 x IEC 60320 C19
FUSES	n/a
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour

1 Phase 16 ampere 3.6 kVA

Tender text bid submittal: GM EA85VIN1101 Metered 1-phase 16A vertical PDU (3.6 kVA) with 18 x IEC C13 and 6 x IEC C19 outlets. Input metering. Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 16A power lead. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓			

GM D71FHMN1323

BRANCH METERED PDU 5.0 GATEWAY

3. Summary:

- horizontal PDU
- single phase 32 A
- metered inputs
- metered branches (2x)
- 8 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 435 x 65 x 52.5 mm (1.5 U) (excl. strain relief, mounting & cable bending radius)
MOUNT	sidecover 19 inch
POWER INPUT	single phase 32 A, 230VAC - 50Hz
CABLE ENTRY	power entry rear-side left
CABLE & PLUG	Power lead (3G6 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
BRANCH METERING	2 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	8 x IEC 60320 C13
FUSES	2 x Hydraulic-magnetic breaker 16A
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour

1 Phase 32 ampere 7.4 kVA

Tender text bid submittal: GM D71FHMN1323 Branch Metered 1-phase 32A horizontal PDU (7.4 kVA) with 8 x IEC C13 outlets. Input and branch (2x) metering. Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 32A power lead. 2x hydraulic-magnetic breakers. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓	✓		

GM 4BB5HMN1323

BRANCH METERED PDU 5.0 GATEWAY

4. Summary:

- horizontal PDU
- single phase 32 A
- metered inputs
- metered branches (2x)
- 8 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 440 x 65 x 52.5 mm (1.5 U) (excl. strain relief, mounting & cable bending radius)
MOUNT	sidecover 19 inch
POWER INPUT	single phase 32 A, 230VAC - 50Hz
CABLE ENTRY	power entry rear-side left
CABLE & PLUG	Power lead (3G6 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
BRANCH METERING	2 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	8 x IEC 60320 C13 (IEC lock)
FUSES	2 x Hydraulic-magnetic breaker 16A
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour

1 Phase 32 ampere 7.4 kVA

Tender text bid submittal: GM 4BB5HMN1323 Branch Metered 1-phase 32A horizontal PDU (7.4 kVA) with 8 x IEC Lock C13 outlets. Input and branch (2x) metering. Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 32A power lead. 2x hydraulic-magnetic breakers. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓	✓		

GM 584BDMN1323

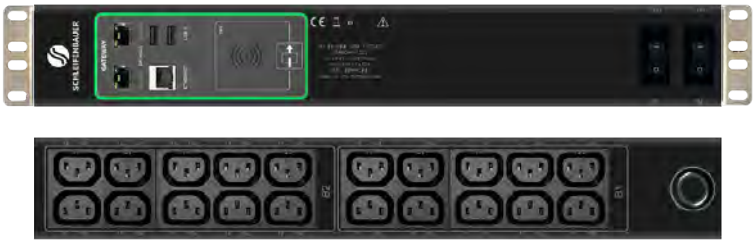
BRANCH METERED PDU 5.0 GATEWAY

5. Summary:

- double horizontal PDU
- single phase 32 A
- metered inputs
- metered branches (2x)
- 20 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 440 x 65 x 105 mm (1.5 U) (excl. strain relief, mounting & cable bending radius)
MOUNT	sidecover 19 inch double deep housing
POWER INPUT	single phase 32 A, 230VAC - 50Hz
CABLE ENTRY	power entry rear-side left
CABLE & PLUG	Power lead (3G6 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
BRANCH METERING	2 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	20 x IEC 60320 C13
FUSES	2 x Hydraulic-magnetic breaker 16A
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour



1 Phase 32 ampere 7.4 kVA

Tender text bid submittal: GM 584BDMN1323 Metered 1-phase 32A horizontal PDU (7.4 kVA) with 20 x IEC 60320 C13 outlets. Input and branch (2x) metering. Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 32A power lead. 2x hydraulic-magnetic breakers. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓	✓		

GM 5BFCVMN1323

BRANCH METERED PDU 5.0 GATEWAY

6. Summary:

- vertical PDU (0 U)
- single phase 32 A
- metered inputs
- metered branches (2x)
- 30 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 920 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius)
MOUNT	Toolless mount buttons (brackets not included) (distance=533, positions=193.3, 726.7mm)
POWER INPUT	single phase 32 A, 230VAC - 50Hz
CABLE ENTRY	power entry side-cover top
CABLE & PLUG	Power lead (3G6 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
BRANCH METERING	2 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	24 x IEC 60320 C13 , 6 x IEC 60320 C19
FUSES	2 x Hydraulic-magnetic breaker 16A
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour

1 Phase 32 ampere 7.4 kVA

Tender text bid submittal: GM 5BFCVMN1323 Metered 1-phase 32A vertical PDU (7.4 kVA) with 24 x IEC 60320 C13 and 6 x IEC 60320 C19 outlets. Input and branch (2x) metering. Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 32A power lead. 2x hydraulic-magnetic breakers. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓	✓		

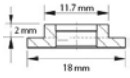
GM 00F1VMN1323

BRANCH METERED PDU 5.0 GATEWAY

7. Summary:

- vertical PDU (0 U)
- single phase 32 A
- metered inputs
- metered branches (2x)
- 42 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module	
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software	
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)	
DIMENSIONS	L x W x D = 1125 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius)	
MOUNT	Toolless mount buttons (brackets not included) (distance=800, positions=162.4, 962.6mm)	
POWER INPUT	single phase 32 A, 230VAC - 50Hz	
CABLE ENTRY	power entry side-cover top	
CABLE & PLUG	Power lead (3G6 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)	
BRANCH METERING	2 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)	
OUTLETS	36 x IEC 60320 C13 , 6 x IEC 60320 C19	
FUSES	2 x Hydraulic-magnetic breaker 16A	
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour	

1 Phase 32 ampere 7.4 kVA

Tender text bid submittal: GM 00F1VMN1323 Metered 1-phase 32A vertical PDU (22 kVA) with 36 x IEC 60320 C13 and 6 x IEC 60320 C19 outlets. Input and branch (2x) metering. Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 32A power lead. 2x hydraulic-magnetic breakers. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓	✓		

GM D414HIN3101

METERED PDU 5.0 GATEWAY

8. Summary:

- horizontal PDU
- three phase 16 A
- metered input
- 6 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 440 x 65 x 52.5 mm (1.5 U) (excl. strain relief, mounting & cable bending radius)
MOUNT	sidecover 19 inch
POWER INPUT	three phase 16 A, 230/400V - 50Hz
CABLE ENTRY	power entry rear-side left
CABLE & PLUG	Power lead (5G2,5 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
INPUT METERING	voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	3 x IEC Lock 60320 - CX (C13/C15/C19/C21) and 3 x IEC Lock C13/C15
FUSES	n/a
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour

3 Phase 16 ampere 11 kVA

Tender text bid submittal: GM D414HIN3101 Metered 3-phase 16A horizontal PDU (11 kVA) with 3 x IEC Lock CX (C13/C15/C19/C21) and 3 x IEC Lock C13/C15 outlets. Input metering with Gateway Module featuring dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 16A power lead. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓			

GM 9FB8DIN3101

METERED PDU 5.0 GATEWAY

9. Summary:

- double horizontal PDU
- three phase 16 A
- metered input
- 15 outlets

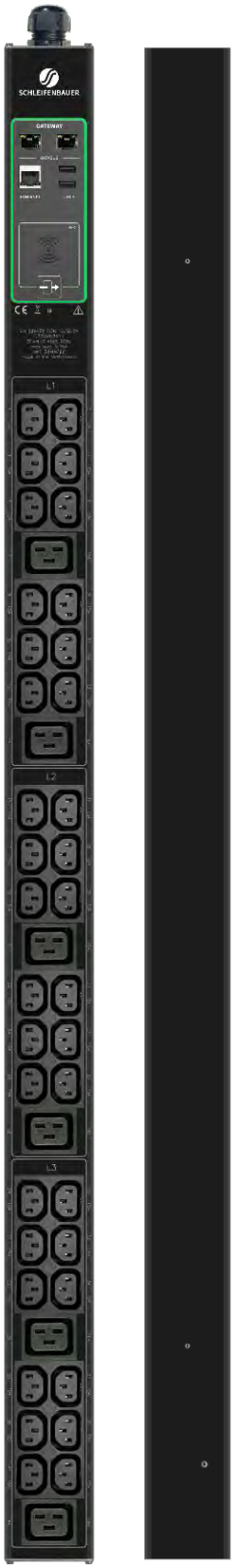
SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 440 x 65 x 105 mm (1.5 U) (excl. strain relief, mounting & cable bending radius)
MOUNT	sidecover 19 inch double deep housing
POWER INPUT	three phase 16 A, 230/400V - 50Hz
CABLE ENTRY	power entry rear-side left
CABLE & PLUG	Power lead (5G2,5 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
INPUT METERING	voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	12 x IEC 60320 C13 , 3 x IEC 60320 C19
FUSES	n/a
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour

3 Phase 16 ampere 11 kVA

Tender text bid submittal: GM 9FB8DIN3101 Metered 3-phase 16A horizontal PDU (11 kVA) with 12 x IEC C13 and 3 x IEC C19 outlets. Input metering with Gateway Module featuring dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 16A power lead. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓			



GM C77DVIN3101

METERED PDU 5.0 GATEWAY

10. Summary:

- vertical PDU (0 U)
- three phase 16 A
- metered input
- 42 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary **Enertree** PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 1115 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius)
MOUNT	Toolless mount buttons (brackets not included) (distance=800, positions=157.4, 957.6mm)
POWER INPUT	three phase 16 A, 230/400V - 50Hz
CABLE ENTRY	power entry side-cover top
CABLE & PLUG	Power lead (5G2,5 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
INPUT METERING	voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	36 x IEC 60320 C13 , 6 x IEC 60320 C19
FUSES	n/a
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour

3 Phase 16 ampere 11 kVA

Tender text bid submittal: GM C77DVIN3101 Metered 3-phase 16A vertical PDU (11 kVA) with 36 x IEC C13 and 6 x IEC C19 outlets. Input metering with Gateway Module featuring dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 16A power lead. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓			

GM 1AA4VIN3361

METERED PDU 5.0 GATEWAY

11. Summary:

- vertical PDU (0 U)
- three phase 32 A
- metered input
- 36 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary **Enertree** PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 1255 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius)
MOUNT	Toolless mount buttons (brackets not included) (distance=800, positions=227.4, 1027.6mm)
POWER INPUT	three phase 32 A, 230/400V - 50Hz
CABLE ENTRY	power entry side-cover top
CABLE & PLUG	Power lead (5G6 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
INPUT METERING	voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	24 x IEC 60320 C13 , 12 x IEC 60320 C19
FUSES	6 x Hydraulic-magnetic breaker 16A
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour

Tender text bid submittal: GM 1AA4VIN3361 Metered 3-phase 32A vertical PDU (22 kVA) with 24 x IEC C13 and 12 x IEC C19 outlets. Input metering with Gateway Module featuring dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 32A power lead. 6x hydraulic-magnetic breakers. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓			

GM 01C7VMN3366

BRANCH METERED PDU 5.0 GATEWAY

12. Summary:

- vertical PDU (0 U)
- three phase 32 A
- metered inputs
- metered branches (6x)
- 48 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 1490 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius)
MOUNT	Toolless mount buttons (brackets not included) (distance=1066, positions=211.6, 1278.4mm)
POWER INPUT	three phase 32 A, 230/400V - 50Hz
CABLE ENTRY	power entry side-cover top
CABLE & PLUG	Power lead (5G6 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
BRANCH METERING	6 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	36 x IEC 60320 C13 , 12 x IEC 60320 C19
FUSES	6 x Hydraulic-magnetic breaker 16A
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour

3 Phase 32 ampere 22 kVA

Tender text bid submittal: GM 01C7VMN3366 Branch Metered 3-phase 32A vertical PDU (22 kVA) with 36 x IEC C13 and 12 x IEC C19 outlets. Input and branch (6x) metering. Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 32A power lead. 6x hydraulic-magnetic breakers. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓	✓		

GM DF48DIN3361

METERED PDU 5.0 GATEWAY

13. Summary:

- double horizontal PDU
- three phase 32 A
- metered input
- 12 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 440 x 65 x 105 mm (1.5 U) (excl. strain relief, mounting & cable bending radius)
MOUNT	sidecover 19 inch double deep housing
POWER INPUT	three phase 32 A, 230/400V - 50Hz
CABLE ENTRY	power entry rear-side left
CABLE & PLUG	Power lead (5G6 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
INPUT METERING	voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	12 x IEC 60320 C13
FUSES	6 x Hydraulic-magnetic breaker 16A
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour

Tender text bid submittal: GM DF48DIN3361 Metered 3-phase 32A horizontal PDU (22 kVA) with 12 x IEC C13 outlets and input metering. Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 32A power lead. 6x hydraulic-magnetic breakers. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓			

GM F244DMN3366

BRANCH METERED PDU 5.0 GATEWAY

14. Summary:

- double horizontal PDU
- three phase 32 A
- metered inputs
- metered branches (6x)
- 12 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary **Enertree** PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 440 x 65 x 105 mm (1.5 U) (excl. strain relief, mounting & cable bending radius)
MOUNT	sidecover 19 inch double deep housing
POWER INPUT	three phase 32 A, 230/400V - 50Hz
CABLE ENTRY	power entry rear-side left
CABLE & PLUG	Power lead (5G6 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
BRANCH METERING	6 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	6 x IEC Lock 60320 - CX (C13/C15/C19/C21) and 6 x IEC Lock C13/C15
FUSES	6 x Hydraulic-magnetic breaker 16A
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour

Tender text bid submittal: GM F244DMN3366 Branch-metered 3-phase 32A horizontal PDU (22 kVA) with 6 x IEC Lock CX (C13/C15/C19/C21) and 6 x IEC Lock C13/C15 outlets. Input metering and 6x branch-level metering. Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 32A power lead. 6x hydraulic-magnetic breakers. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓	✓		

GM D159VMN3366

BRANCH METERED PDU 5.0 GATEWAY

15 Summary:

- vertical PDU (0 U)
- three phase 32 A
- metered inputs
- metered branches (6x)
- 48 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 1570 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius)
MOUNT	Toolless mount buttons (brackets not included) (distance=1066, positions=251.6, 1318.4mm)
POWER INPUT	three phase 32 A, 230/400V - 50Hz
CABLE ENTRY	power entry side-cover top
CABLE & PLUG	Power lead (5G6 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
BRANCH METERING	6 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	36 x IEC 60320 C13 (IEC lock) , 12 x IEC 60320 - C13/C15/C19/C21 (IEC Lock)
FUSES	6 x Hydraulic-magnetic breaker 16A
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour

Tender text bid submittal: GM D159VMN3366 Branch-metered 3-phase 32A vertical PDU (22 kVA) with 36 x IEC C13 and 12 x IEC Lock CX (C13/C15/C19/C21) outlets. Input metering and 6x branch-level metering. Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 32A power lead. 6x hydraulic-magnetic breakers. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓	✓		

GM 4CC1WMN36C8

BRANCH METERED PDU 5.0 GATEWAY

16. Summary:

- double vertical PDU
- three phase 63 A
- metered inputs
- metered branches (12x)
- 30 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 1755 x 65 x 105 mm (0U) (excl. strain relief, mounting & cable bending radius)
POWER INPUT	three phase 63 A, 230/400V - 50Hz
CABLE ENTRY	power entry side-cover top
CABLE & PLUG	Power lead (5G10 halogenfree) with CEE plug 3,0m
BRANCH METERING	12 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	30 x IEC 60320 - C13/C15/C19/C21 (IEC Lock)
FUSES	12 x Hydraulic-magnetic breaker 16A
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour

Tender text bid submittal: GM 4CC1WMN36C8 Branch-metered 3-phase 63A vertical PDU (43.6 kVA) with 30 x IEC Lock C13/C15/C19/C21 outlets. Input metering and 12x branch-level metering. Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 63A power lead. 12x hydraulic-magnetic breakers. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓	✓		

OUTLET METERED

Metered Outlet PDUs with Flexible Communication Options

Schleifenbauer's Monitored PDUs combine all the advantages of inlet-level monitoring with precise, per-outlet power measurement. This enables detailed, device-level visibility—accessible both locally and over the network—for comprehensive power management in critical data centre environments.

Key Benefits of Outlet-Level Power Monitoring

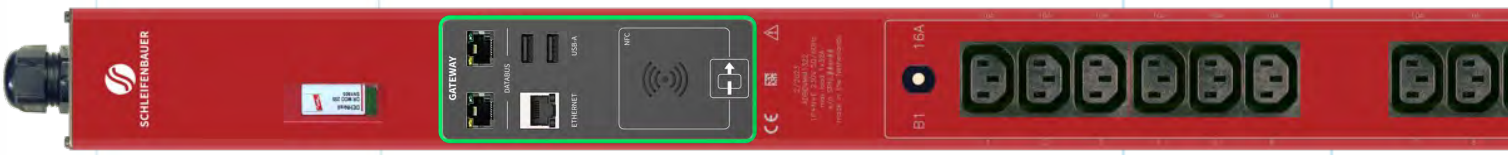
- **Precise power monitoring**: Real-time insights at the outlet level support capacity planning, load balancing, and early detection of potential issues such as overloads or underutilisation.
- **Billing and cost allocation**: Enables accurate power usage tracking for individual departments, colocation clients or business units, supporting internal billing based on actual consumption. Billing-grade accuracy (+/- 0.5%)
- **Equipment protection and reliability**: Identifies devices drawing excessive power, helping prevent overheating, reduce electrical strain, and extend equipment lifespan.
- **Regulatory compliance**: Provides accurate, auditable data for compliance with industry regulations, including sectors with strict energy reporting requirements such as finance or healthcare.

Flexible Module Options to Match Your Infrastructure

This catalogue lists all PDU configurations with a **Gateway Module** as standard. However, each configuration is also available with a **Controller Module** or a **Daisy Chain Module**, depending on your infrastructure and monitoring preferences. Please specify your preferred module when requesting a quote.

Model

MONITORED PDU



GM BBC2HIM1101

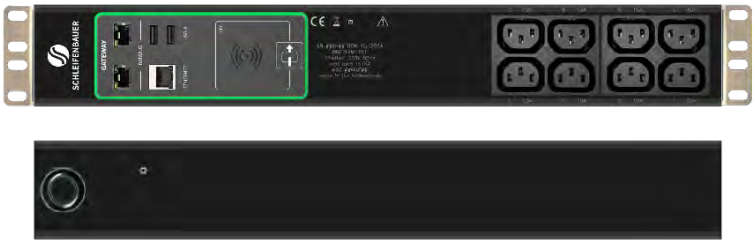
MONITORED PDU 5.0 GATEWAY

17. Summary:

- horizontal PDU
- single phase 16 A
- metered input
- metered outlets
- 8 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary **Enertree** PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 440 x 65 x 52.5 mm (1.5 U) (excl. strain relief, mounting & cable bending radius)
MOUNT	sidecover 19 inch
POWER INPUT	single phase 16 A, 230VAC - 50Hz
CABLE ENTRY	power entry rear-side left
CABLE & PLUG	Power lead (3G2,5 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
INPUT METERING	voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	8 x IEC 60320 C13
METERED OUTLETS	8 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), power factor, crest factor, total harmonic distortion (%)
FUSES	n/a
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour



1 Phase 16 ampere 3.6 kVA

Tender text bid submittal: GM BBC2HIM1101 Metered 1-phase 16A horizontal PDU (3.6 kVA) with 8 x IEC 60320 C13 outlets. Input and outlet-level metering (8x). Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 16A power lead. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓		✓	

GM 0B7FDIM1101

MONITORED PDU 5.0 GATEWAY

18. Summary:

- double horizontal PDU
- single phase 16 A
- metered input
- metered outlets
- 14 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 440 x 65 x 105 mm (1.5 U) (excl. strain relief, mounting & cable bending radius)
MOUNT	sidecover 19 inch double deep housing
POWER INPUT	single phase 16 A, 230VAC - 50Hz
CABLE ENTRY	power entry rear-side left
CABLE & PLUG	Power lead (3G2,5 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
INPUT METERING	voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	7 x IEC Lock 60320 – CX (C13/C15/C19/C21) and 7 x IEC Lock C13/C15
METERED OUTLETS	14 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), power factor, crest factor, total harmonic distortion (%)
FUSES	n/a
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour

Tender text bid submittal: GM 0B7FDIM1101 Metered 1-phase 16A horizontal PDU (3.6 kVA) with 7 x IEC Lock CX (C13/C15/C19/C21) and 7 x IEC Lock C13/C15 outlets. Input and outlet-level metering (14x). Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 16A power lead. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓		✓	

GM C899VIM1101

MONITORED PDU 5.0 GATEWAY

19. Summary:

- vertical PDU (0 U)
- single phase 16 A
- metered input
- metered outlets
- 30 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 1230 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius)
MOUNT	Toolless mount buttons (brackets not included) (distance=800, positions=215.0, 1015.0mm)
POWER INPUT	single phase 16 A, 230VAC - 50Hz
CABLE ENTRY	power entry side-cover top
CABLE & PLUG	Power lead (3G2,5 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
INPUT METERING	voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	24 x IEC 60320 C13 , 6 x IEC 60320 C19
METERED OUTLETS	30 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), power factor, crest factor, total harmonic distortion (%)
FUSES	n/a
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour

1 Phase 16 ampere 3.6 kVA

Tender text bid submittal: GM C899VIM1101 Metered 1-phase 16A vertical PDU (3.6 kVA) with 24 x IEC C13 and 6 x IEC C19 outlets. Input and outlet-level metering (30x). Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 16A power lead. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓		✓	

GM 0885VIM1321

MONITORED PDU 5.0 GATEWAY

20. Summary:

- vertical PDU (0 U)
- single phase 32 A
- metered input
- metered outlets
- 30 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 1270 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius)
MOUNT	Toolless mount buttons (brackets not included) (distance=800, positions=235.0, 1035.0mm)
POWER INPUT	single phase 32 A, 230VAC - 50Hz
CABLE ENTRY	power entry side-cover top
CABLE & PLUG	Power lead (3G6 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
INPUT METERING	voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	24 x IEC 60320 C13 , 6 x IEC 60320 C19
METERED OUTLETS	30 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), power factor, crest factor, total harmonic distortion (%)
FUSES	2 x Hydraulic-magnetic breaker 16A
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour

1 Phase 32 ampere 7.4 kVA

Tender text bid submittal: GM 0885VIM1321 Metered 1-phase 32A vertical PDU (7.4 kVA) with 24 x IEC C13 and 6 x IEC C19 outlets. Input and outlet-level metering (30x). Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 32A power lead. 2x hydraulic-magnetic breakers. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓		✓	

GM C8ECDIM1321

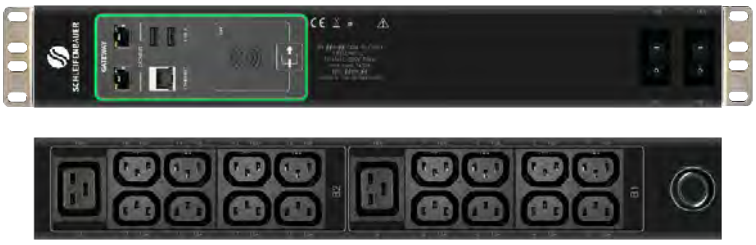
MONITORED PDU 5.0 GATEWAY

21. Summary:

- double horizontal PDU
- single phase 32 A
- metered input
- metered outlets
- 18 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 440 x 65 x 105 mm (1.5 U) (excl. strain relief, mounting & cable bending radius)
MOUNT	sidecover 19 inch double deep housing
POWER INPUT	single phase 32 A, 230VAC - 50Hz
CABLE ENTRY	power entry rear-side left
CABLE & PLUG	Power lead (3G6 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
INPUT METERING	voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	16 x IEC 60320 C13 , 2 x IEC 60320 C19
METERED OUTLETS	18 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), power factor, crest factor, total harmonic distortion (%)
FUSES	2 x Hydraulic-magnetic breaker 16A
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour



1 Phase 32 ampere 7.4 kVA

Tender text bid submittal: GM C8ECDIM1321 Metered 1-phase 32A horizontal PDU (7.4 kVA) with 16 x IEC C13 and 2 x IEC C19 outlets. Input and outlet-level metering (18x). Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 32A power lead. 2x hydraulic-magnetic breakers. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓		✓	

GM 649EDMM1323

MONITORED PDU 5.0 GATEWAY

22. Summary:

- double horizontal PDU
- single phase 32 A
- metered inputs
- metered branches (2x)
- metered outlets
- 12 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 440 x 65 x 105 mm (1.5 U) (excl. strain relief, mounting & cable bending radius)
MOUNT	sidecover 19 inch double deep housing
POWER INPUT	single phase 32 A, 230VAC - 50Hz
CABLE ENTRY	power entry rear-side left
CABLE & PLUG	Power lead (3G6 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
BRANCH METERING	2 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	6 x IEC Lock 60320 – CX (C13/C15/C19/C21) and 6 x IEC Lock C13/C15
METERED OUTLETS	12 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), power factor, crest factor, total harmonic distortion (%)
FUSES	2 x Hydraulic-magnetic breaker 16A
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour

Tender text bid submittal: GM 649EDMM1323 Metered 1-phase 32A horizontal PDU (7.4 kVA) with 6 x IEC Lock CX (C13/C15/C19/C21) and 6 x IEC Lock C13/C15 outlets. Input, branch (2x) and outlet-level metering (12x). Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 32A power lead. 2x hydraulic-magnetic breakers. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓	✓	✓	

1 Phase 32 ampere 7.4 kVA

GM 6AC3VMM1323

MONITORED PDU 5.0 GATEWAY

23. Summary:

- vertical PDU (0 U)
- single phase 32 A
- metered inputs
- metered branches (2x)
- metered outlets
- 42 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 1615 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius)
MOUNT	Toolless mount buttons (brackets not included) (distance=1066, positions=274.1, 1340.9mm)
POWER INPUT	single phase 32 A, 230VAC - 50Hz
CABLE ENTRY	power entry side-cover top
CABLE & PLUG	Power lead (3G6 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
BRANCH METERING	2 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	36 x IEC 60320 C13 , 6 x IEC 60320 C19
METERED OUTLETS	42 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), power factor, crest factor, total harmonic distortion (%)
FUSES	2 x Hydraulic-magnetic breaker 16A
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour

1 Phase 32 ampere 7.4 kVA

Tender text bid submittal: GM 6AC3VMM1323 Metered 1-phase 32A vertical PDU (7.4 kVA) with 36 x IEC 60320 C13 and 6 x IEC 60320 C19 outlets. Input, branch (2x) and outlet-level metering (42x). Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 32A power lead. 2x hydraulic-magnetic breakers. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓	✓	✓	

GM F54EVMM1323

MONITORED PDU 5.0 GATEWAY

24. Summary:

- vertical PDU (0 U)
- single phase 32 A
- metered inputs
- metered branches (2x)
- metered outlets
- 36 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary **Enertree** PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 1560 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius)
MOUNT	Toolless mount buttons (brackets not included) (distance=1066, positions=246.6, 1313.4mm)
POWER INPUT	single phase 32 A, 230VAC - 50Hz
CABLE ENTRY	power entry side-cover top
CABLE & PLUG	Power lead (3G6 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
BRANCH METERING	2 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	18 x IEC Lock 60320 – CX (C13/C15/C19/C21) and 18 x IEC Lock C13/C15
METERED OUTLETS	36 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), power factor, crest factor, total harmonic distortion (%)
FUSES	2 x Hydraulic-magnetic breaker 16A
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour

1 Phase 32 ampere 7.4 kVA

Tender text bid submittal: GM F54EVMM1323 Metered 1-phase 32A vertical PDU (7.4 kVA) with 18 x IEC Lock CX (C13/C15/C19/C21) and 18 x IEC Lock C13/C15 outlets. Input, branch (2x) and outlet-level metering (36x). Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 32A power lead. 2x hydraulic-magnetic breakers. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓	✓	✓	

GM B34ADIM3101

MONITORED PDU 5.0 GATEWAY

25. Summary:

- double horizontal PDU
- three phase 16 A
- metered input
- metered outlets
- 12 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 440 x 65 x 105 mm (1.5 U) (excl. strain relief, mounting & cable bending radius)
MOUNT	sidecover 19 inch double deep housing
POWER INPUT	three phase 16 A, 230/400V - 50Hz
CABLE ENTRY	power entry rear-side left
CABLE & PLUG	Power lead (5G2,5 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
INPUT METERING	voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	6 x IEC Lock 60320 – CX (C13/C15/C19/C21) and 6 x IEC Lock C13/C15
METERED OUTLETS	12 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), power factor, crest factor, total harmonic distortion (%)
FUSES	n/a
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour

Tender text bid submittal: GM B34ADIM3101 Metered 3-phase 16A horizontal PDU (11 kVA) with 6 x IEC Lock CX (C13/C15/C19/C21) and 6 x IEC Lock C13/C15 outlets. Input and outlet-level metering (12x). Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 16A power lead. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓		✓	

GM 8EE4VIM3101

MONITORED PDU 5.0 GATEWAY

26. Summary:

- vertical PDU (0 U)
- three phase 16 A
- metered input
- metered outlets
- 36 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 1545 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius)
MOUNT	Toolless mount buttons (brackets not included) (distance=1066, positions=239.1, 1305.9mm)
POWER INPUT	three phase 16 A, 230/400V - 50Hz
CABLE ENTRY	power entry side-cover top
CABLE & PLUG	Power lead (5G2,5 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
INPUT METERING	voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	18 x IEC Lock 60320 – CX (C13/C15/C19/C21) and 18 x IEC Lock C13/C15
METERED OUTLETS	36 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), power factor, crest factor, total harmonic distortion (%)
FUSES	n/a
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour

3 Phase 16 ampere 11 kVA

Tender text bid submittal: GM 8EE4VIM3101 Metered 3-phase 16A vertical PDU (11 kVA) with 18 x IEC Lock CX (C13/C15/C19/C21) and 18 x IEC Lock C13/C15 outlets. Input and outlet-level metering (36x). Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 16A power lead. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓		✓	

GM 3433DIM3361

MONITORED PDU 5.0 GATEWAY

27. Summary:

- double horizontal PDU
- three phase 32 A
- metered input
- metered outlets
- 9 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 440 x 65 x 105 mm (1.5 U) (excl. strain relief, mounting & cable bending radius)
MOUNT	sidecover 19 inch double deep housing
POWER INPUT	three phase 32 A, 230/400V - 50Hz
CABLE ENTRY	power entry rear-side left
CABLE & PLUG	Power lead (5G6 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
INPUT METERING	voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	3 x IEC Lock C13/C15, 6 x IEC Lock 60320 – CX (C13/C15/C19/C21)
METERED OUTLETS	9 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), power factor, crest factor, total harmonic distortion (%)
FUSES	6 x Hydraulic-magnetic breaker 16A
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour

3 Phase 32 ampere 22 kVA

Tender text bid submittal: GM 3433DIM3361 Metered 3-phase 32A horizontal PDU (22 kVA) with 9 x IEC Lock outlets (C13/C15/C19/C21). Input and outlet-level metering (9x). Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 32A power lead. 6x hydraulic-magnetic breakers. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓		✓	

GM A935VIM3361

MONITORED PDU 5.0 GATEWAY

28. Summary:

- vertical PDU (0 U)
- three phase 32 A
- metered input
- metered outlets
- 36 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 1640 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius)
MOUNT	Toolless mount buttons (brackets not included) (distance=1066, positions=286.6, 1353.4mm)
POWER INPUT	three phase 32 A, 230/400V - 50Hz
CABLE ENTRY	power entry side-cover top
CABLE & PLUG	Power lead (5G6 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
INPUT METERING	voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	36 x IEC 60320 - C13/C15/C19/C21 and C13/C15 (IEC Lock)
METERED OUTLETS	36 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), power factor, crest factor, total harmonic distortion (%)
FUSES	6 x Hydraulic-magnetic breaker 16A
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour

Tender text bid submittal: GM A935VIM3361 Metered 3-phase 32A vertical PDU (22 kVA) with 36 x IEC Lock outlets (C13/C15/C19/C21). Input and outlet-level metering (36x). Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 32A power lead. 6x hydraulic-magnetic breakers. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓		✓	

GM 32EEWMM36C8

MONITORED PDU 5.0 GATEWAY

29. Summary:

- double vertical PDU
- three phase 63 A
- metered inputs
- metered branches (12x)
- metered outlets
- 30 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary **Enertree** PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 1755 x 65 x 105 mm (0U) (excl. strain relief, mounting & cable bending radius)
POWER INPUT	three phase 63 A, 230/400V - 50Hz
CABLE ENTRY	power entry side-cover top
CABLE & PLUG	Power lead (5G10 halogenfree) with CEE plug 3,0m
BRANCH METERING	12 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	30 x IEC 60320 - C13/C15/C19/C21 (IEC Lock)
METERED OUTLETS	30 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), power factor, crest factor, total harmonic distortion (%)
FUSES	12 x Hydraulic-magnetic breaker 16A
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour

3 Phase 63 ampere 43.6 kVA

Tender text bid submittal: GM 32EEWMM36C8 Metered 3-phase 63A vertical PDU (43.6 kVA) with 30 x IEC Lock outlets (C13/C15/C19/C21). Input, branch (12x) and outlet metering. Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 63A power lead. 12x hydraulic-magnetic breakers. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓	✓	✓	

OUTLET SWITCHABLE

Outlet switchable PDUs with Flexible Communication Options

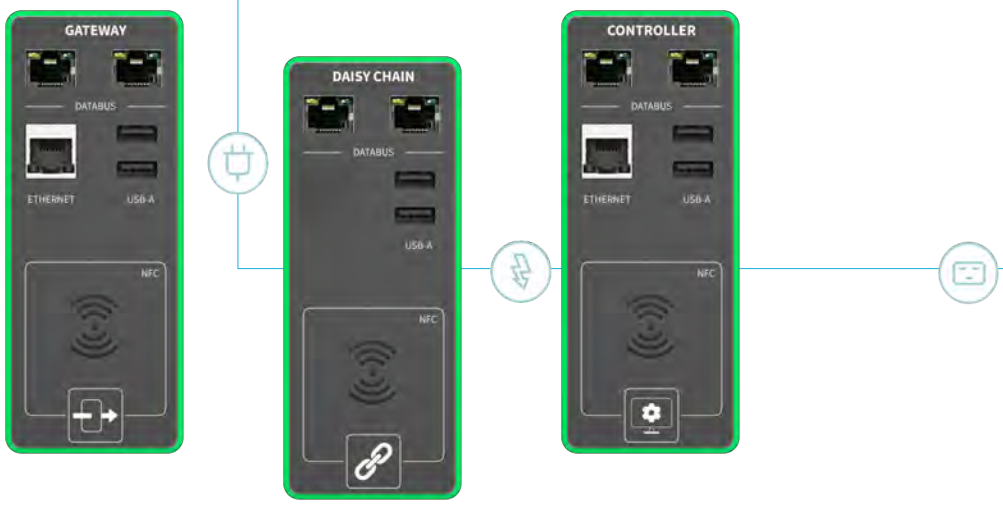
Schleifenbauer's switched PDUs offer all the capabilities of metered inlet models, with the added benefit of **remote outlet control**. Authorised users can securely power-cycle individual outlets, reboot connected devices, and implement power sequencing to minimise inrush current—improving energy efficiency, infrastructure control, and service continuity.

Key Benefits of Remote Power Switching

- **Energy efficiency:** Reduce unnecessary power consumption by disabling idle equipment, lowering operational costs and improving sustainability.
- **Operational flexibility:** Remotely manage power distribution without physical access to the rack—ideal for large-scale or restricted environments.
- **Optimised energy usage:** Gain granular insight into outlet-level consumption to identify inefficiencies and reduce unnecessary energy usage. Billing-grade accuracy (+/- 0.5%).
- **Enhanced security and safety:** Prevent unauthorised device connections and quickly shut down critical equipment in emergencies or failure scenarios.
- **Automation and integration:** Support for scheduled switching, load balancing and integration with automation platforms enhances resilience and control.
- **Bi-stable relays:** Minimise energy consumption by using relays that require power only during switching, not to maintain the current state—resulting in lower internal heat and increased efficiency.
- Near Zero Voltage Switching (N-ZVS): Switching occurs at the lowest point of the AC waveform, reducing electrical stress and prolonging the lifespan of connected devices.
- **Outlet switching delay:** Configurable delay per outlet or group prevents inrush current, evenly distributes the load and ensures stable power-up behaviour.

Flexible Module Options to Match Your Infrastructure

This catalogue lists all PDU configurations with a **Gateway Module** as standard. However, each configuration is also available with a **Controller Module** or a **Daisy Chain Module**, depending on your infrastructure and monitoring needs. Please specify your preferred module when requesting a quote.



Model

SWITCHED PDU

GM 1FE2DIS1101

SWITCHED PDU 5.0 GATEWAY

30. Summary:

- double horizontal PDU
- single phase 16 A
- metered input
- switched outlets
- 12 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 440 x 65 x 105 mm (1.5 U) (excl. strain relief, mounting & cable bending radius)
MOUNT	sidecover 19 inch double deep housing
POWER INPUT	single phase 16 A, 230VAC - 50Hz
CABLE ENTRY	power entry rear-side left
CABLE & PLUG	Power lead (3G2,5 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
INPUT METERING	voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	12 x IEC Lock 60320 – CX (C13/C15/C19/C21) and 6 x IEC Lock C13/C15 (IEC Lock)
SWITCHED OUTLETS	12 times bistable near zero crossing switching relays
FUSES	n/a
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour

Tender text bid submittal: GM 1FE2DIS1101 Switched 1-phase 16A horizontal PDU (3.6 kVA) with 6 x IEC Lock CX (C13/C15/C19/C21) and 6 x IEC Lock C13/C15 outlets. Input metering and outlet-level switching (12x). Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 16A power lead. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓			✓

GM C1FCVIS1101

SWITCHED PDU 5.0 GATEWAY

31. Summary:

- vertical PDU (0 U)
- single phase 16 A
- metered input
- switched outlets
- 30 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 1330 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius)
MOUNT	Toolless mount buttons (brackets not included) (distance=800, positions=265.0, 1065.0mm)
POWER INPUT	single phase 16 A, 230VAC - 50Hz
CABLE ENTRY	power entry side-cover top
CABLE & PLUG	Power lead (3G2,5 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
INPUT METERING	voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	24 x IEC 60320 C13 , 6 x IEC 60320 C19
SWITCHED OUTLETS	30 times bistable near zero crossing switching relays
FUSES	n/a
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour

1 Phase 16 ampere 3.6 kVA

Tender text bid submittal: GM C1FCVIS1101 Switched 1-phase 16A vertical PDU (3.6 kVA) with 24 x IEC 60320 C13 and 6 x IEC 60320 C19 outlets. Input metering and outlet-level switching (30x). Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 16A power lead. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓			✓

GM 7C54DMS1323

SWITCHED PDU 5.0 GATEWAY

32. Summary:

- double horizontal PDU
- single phase 32 A
- metered inputs
- metered branches (2x)
- switched outlets
- 12 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary **Enertree** PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 440 x 65 x 105 mm (1.5 U) (excl. strain relief, mounting & cable bending radius)
MOUNT	sidecover 19 inch double deep housing
POWER INPUT	single phase 32 A, 230VAC - 50Hz
CABLE ENTRY	power entry rear-side left
CABLE & PLUG	Power lead (3G6 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
BRANCH METERING	2 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	6 x IEC Lock 60320 – CX (C13/C15/C19/C21) and 6 x IEC Lock C13/C15 (IEC Lock)
SWITCHED OUTLETS	12 times bistable near zero crossing switching relays
FUSES	2 x Hydraulic-magnetic breaker 16A
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour

Tender text bid submittal: GM 7C54DMS1323 Switched 1-phase 32A horizontal PDU (7.4 kVA) with 6 x IEC Lock CX outlets (C13/C15/C19/C21) and 6 x IEC Lock C13/C15 outlets. Input and branch (2x) metering with outlet-level switching (12x). Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 32A power lead. 2x hydraulic-magnetic breakers. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓	✓		✓

GM EF18VIS1321

SWITCHED PDU 5.0 GATEWAY

33. Summary:

- vertical PDU (0 U)
- single phase 32 A
- metered input
- switched outlets
- 24 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 1145 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius)
MOUNT	Toolless mount buttons (brackets not included) (distance=800, positions=172.4, 972.6mm)
POWER INPUT	single phase 32 A, 230VAC - 50Hz
CABLE ENTRY	power entry side-cover top
CABLE & PLUG	Power lead (3G6 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
INPUT METERING	voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	20 x IEC 60320 C13 , 4 x IEC 60320 C19
SWITCHED OUTLETS	24 times bistable near zero crossing switching relays
FUSES	2 x Hydraulic-magnetic breaker 16A
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour

1 Phase 32 ampere 7.4 kVA

Tender text bid submittal: GM EF18VIS1321 Switched 1-phase 32A vertical PDU (7.4 kVA) with 20 x IEC 60320 C13 and 4 x IEC 60320 C19 outlets. Input metering and outlet-level switching (24x). Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 32A power lead. 2x hydraulic-magnetic breakers. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓			✓

GM E2C5VMS1323

SWITCHED PDU 5.0 GATEWAY

34. Summary:

- vertical PDU (0 U)
- single phase 32 A
- metered inputs
- metered branches (2x)
- switched outlets
- 30 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary **Enertree** PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 1615 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius)
MOUNT	Toolless mount buttons (brackets not included) (distance=1066, positions=274.1, 1340.9mm)
POWER INPUT	single phase 32 A, 230VAC - 50Hz
CABLE ENTRY	power entry side-cover top
CABLE & PLUG	Power lead (3G6 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
BRANCH METERING	2 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	18 x IEC Lock 60320 – CX (C13/C15/C19/C21) and 12 x IEC Lock C13/C15
SWITCHED OUTLETS	30 times bistable near zero crossing switching relays
FUSES	2 x Hydraulic-magnetic breaker 16A
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour

1 Phase 32 ampere 7.4 kVA

Tender text bid submittal: GM E2C5VMS1323 Switched 1-phase 32A vertical PDU (7.4 kVA) with 18 x IEC Lock CX outlets (C13/C15/C19/C21) and 12 x IEC Lock C13/C15 outlets. Input and branch (2x) metering with outlet-level switching (30x). Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 32A power lead. 2x hydraulic-magnetic breakers. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓	✓		✓

GM 017EDIS3101

SWITCHED PDU 5.0 GATEWAY

35. Summary:

- double horizontal PDU
- three phase 16 A
- metered input
- switched outlets
- 12 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 440 x 65 x 105 mm (1.5 U) (excl. strain relief, mounting & cable bending radius)
MOUNT	sidecover 19 inch double deep housing
POWER INPUT	three phase 16 A, 230/400V - 50Hz
CABLE ENTRY	power entry rear-side left
CABLE & PLUG	Power lead (5G2,5 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
INPUT METERING	voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	12 x IEC 60320 C13
SWITCHED OUTLETS	12 times bistable near zero crossing switching relays
FUSES	n/a
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour

3 Phase 16 ampere 11 kVA

Tender text bid submittal: GM 017EDIS3101 Switched 3-phase 16A horizontal PDU (11 kVA) with 12 x IEC 60320 C13 outlets. Input metering and outlet-level switching (12x). Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 16A power lead. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓			✓

GM F47CVIS3101

SWITCHED PDU 5.0 GATEWAY

36. Summary:

- vertical PDU (0 U)
- three phase 16 A
- metered input
- switched outlets
- 42 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 1855 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius)
MOUNT	Toolless mount buttons (brackets not included) (distance=1333, positions=260.8, 1594.2mm)
POWER INPUT	three phase 16 A, 230/400V - 50Hz
CABLE ENTRY	power entry side-cover top
CABLE & PLUG	Power lead (5G2,5 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
INPUT METERING	voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	30 x IEC 60320 C13 , 12 x IEC 60320 C19
SWITCHED OUTLETS	42 times bistable near zero crossing switching relays
FUSES	n/a
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour

3 Phase 16 ampere 11 kVA

Tender text bid submittal: GM F47CVIS3101 Switched 3-phase 16A vertical PDU (11 kVA) with 30 x IEC 60320 C13 and 12 x IEC 60320 C19 outlets. Input metering and outlet-level switching (42x). Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 16A power lead. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓			✓

GM B3ECDIS3361

SWITCHED PDU 5.0 GATEWAY

37. Summary:

- double horizontal PDU
- three phase 32 A
- metered input
- switched outlets
- 12 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 440 x 65 x 105 mm (1.5 U) (excl. strain relief, mounting & cable bending radius)
MOUNT	sidecover 19 inch double deep housing
POWER INPUT	three phase 32 A, 230/400V - 50Hz
CABLE ENTRY	power entry rear-side left
CABLE & PLUG	Power lead (5G6 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
INPUT METERING	voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	12 x IEC 60320 C13
SWITCHED OUTLETS	12 times bistable near zero crossing switching relays
FUSES	6 x Hydraulic-magnetic breaker 16A
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour

Tender text bid submittal: GM B3ECDIS3361 Switched 3-phase 32A horizontal PDU (22 kVA) with 12 x IEC 60320 C13 outlets. Input metering and outlet-level switching (12x). Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 32A power lead. 6x hydraulic-magnetic breakers. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓			✓

GM 8344VIS3361

SWITCHED PDU 5.0 GATEWAY

38. Summary:

- vertical PDU (0 U)
- three phase 32 A
- metered input
- switched outlets
- 30 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 1495 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius)
MOUNT	Toolless mount buttons (brackets not included) (distance=1066, positions=214.1, 1280.9mm)
POWER INPUT	three phase 32 A, 230/400V - 50Hz
CABLE ENTRY	power entry side-cover top
CABLE & PLUG	Power lead (5G6 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
INPUT METERING	voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	24 x IEC 60320 C13 , 6 x IEC 60320 C19
SWITCHED OUTLETS	30 times bistable near zero crossing switching relays
FUSES	6 x Hydraulic-magnetic breaker 16A
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour

3 Phase 32 ampere 22 kVA

Tender text bid submittal: GM 8344VIS3361 Switched 3-phase 32A vertical PDU (22 kVA) with 24 x IEC 60320 C13 and 6 x IEC 60320 C19 outlets. Input metering and outlet-level switching (30x). Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 32A power lead. 6x hydraulic-magnetic breakers. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓			✓

GM D750VMS3366

SWITCHED PDU 5.0 GATEWAY

39. Summary:

- vertical PDU (0 U)
- three phase 32 A
- metered inputs
- metered branches (6x)
- switched outlets
- 30 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary **Enertree** PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 1805 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius)
MOUNT	Toolless mount buttons (brackets not included) (distance=1333, positions=235.8, 1569.2mm)
POWER INPUT	three phase 32 A, 230/400V - 50Hz
CABLE ENTRY	power entry side-cover top
CABLE & PLUG	Power lead (5G6 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
BRANCH METERING	6 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	18 x IEC Lock 60320 – CX (C13/C15/C19/C21) and 12 x IEC Lock C13/C15
SWITCHED OUTLETS	30 times bistable near zero crossing switching relays
FUSES	6 x Hydraulic-magnetic breaker 16A
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour

Tender text bid submittal: GM D750VMS3366 Switched 3-phase 32A vertical PDU (22 kVA) with 18 x IEC Lock CX (C13/C15/C19/C21) and 12 x IEC Lock C13/C15 outlets. Input and branch (6x) metering with outlet-level switching (30x). Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 32A power lead. 6x hydraulic-magnetic breakers. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓	✓		✓

GM DD7BWMS36C8

SWITCHED PDU 5.0 GATEWAY

40. Summary:

- double vertical PDU
- three phase 63 A
- metered inputs
- metered branches (12x)
- switched outlets
- 30 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary **Enertree** PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 1755 x 65 x 105 mm (0U) (excl. strain relief, mounting & cable bending radius)
POWER INPUT	three phase 63 A, 230/400V - 50Hz
CABLE ENTRY	power entry side-cover top
CABLE & PLUG	Power lead (5G10 halogenfree) with CEE plug 3,0m
BRANCH METERING	12 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	30 x IEC 60320 - C13/C15/C19/C21 (IEC Lock)
SWITCHED OUTLETS	30 times bistable near zero crossing switching relays
FUSES	12 x Hydraulic-magnetic breaker 16A
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour

Tender text bid submittal: GM DD7BWMS36C8 Switched 3-phase 63A vertical PDU (43.6 kVA) with 30 x IEC Lock CX (C13/C15/C19/C21). Input and branch (12x) metering with outlet-level switching. Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 63A power lead. 12x hydraulic-magnetic breakers. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓	✓		✓

OUTLET METERED; OUTLET SWITCHABLE

Outlet Meterd & Outlet Switchable PDUs with Flexible Communication Options

Schleifenbauer's **Managed PDUs** combine the functionality of switched and metered outlet PDUs, delivering advanced power management with remote control and real-time monitoring at the outlet level. Authorised users can securely power-cycle individual outlets, configure sequencing delays to minimise inrush currents, and access detailed consumption data locally or over the network.

Key Benefits of Managed PDUs with Switched & Metered Outlets

- **Remote power management**: Monitor and control outlets in real time without on-site access, increasing operational efficiency and service responsiveness.
- **Optimised energy usage**: Gain granular insight into outlet-level consumption to identify inefficiencies and reduce unnecessary energy usage.
- **Billing and cost allocation**: Enables accurate power usage tracking for individual departments, colocation clients or business units, supporting internal billing based on actual consumption. Billing-grade accuracy (+/- 0.5%)
- **Enhanced flexibility**: Support fast changes in load distribution, device provisioning and rack configurations in dynamic environments.
- **Advanced security**: Role-based access control, user authentication and logging help safeguard critical infrastructure against unauthorised actions.
- **Bi-stable relays:** Minimise energy consumption by using relays that require power only during switching, not to maintain the current state—resulting in lower internal heat and increased efficiency.
- **Near Zero Voltage Switching (N-ZVS):** Switching occurs at the lowest point of the AC waveform, reducing electrical stress and prolonging the lifespan of connected devices.
- **Outlet switching delay:** Configurable delay per outlet or group prevents inrush current, evenly distributes the load and ensures stable power-up behaviour.

Flexible Module Options to Match Your Infrastructure

This catalogue lists all PDU configurations with a **Gateway Module** as standard. However, each configuration is also available with a **Controller Module** or a **Daisy Chain Module**, depending on your infrastructure and monitoring needs. Please specify your preferred module when requesting a quote.

Model

MANAGED PDU

GM 42CCHIB1101

MANAGED PDU 5.0 GATEWAY

41. Summary:

- horizontal PDU
- single phase 16 A
- metered input
- metered outlets
- switched outlets
- 6 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 440 x 65 x 52.5 mm (1.5 U) (excl. strain relief, mounting & cable bending radius)
MOUNT	sidecover 19 inch
POWER INPUT	single phase 16 A, 230VAC - 50Hz
CABLE ENTRY	power entry rear-side left
CABLE & PLUG	Power lead (3G2,5 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
INPUT METERING	voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	6 x IEC 60320 C13
METERED OUTLETS	6 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), power factor, crest factor, total harmonic distortion (%)
SWITCHED OUTLETS	6 times bistable near zero crossing switching relays
FUSES	n/a
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour

1 Phase 16 ampere 3.6 kVA

Tender text bid submittal: GM 42CCHIB1101 Managed 1-phase 16A horizontal PDU (3.6 kVA) with 6 x IEC 60320 C13 outlets. Input and outlet (6x) metering with outlet-level switching. Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 16A power lead. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓		✓	✓

GM 7C0ADIB1101

MANAGED PDU 5.0 GATEWAY

42. Summary:

- double horizontal PDU
- single phase 16 A
- metered input
- metered outlets
- switched outlets
- 18 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 440 x 65 x 105 mm (1.5 U) (excl. strain relief, mounting & cable bending radius)
MOUNT	sidecover 19 inch double deep housing
POWER INPUT	single phase 16 A, 230VAC - 50Hz
CABLE ENTRY	power entry rear-side left
CABLE & PLUG	Power lead (3G2,5 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
INPUT METERING	voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	18 x IEC 60320 C13
METERED OUTLETS	18 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), power factor, crest factor, total harmonic distortion (%)
SWITCHED OUTLETS	18 times bistable near zero crossing switching relays
FUSES	n/a
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour

1 Phase 16 ampere 3.6 kVA

Tender text bid submittal: GM 7C0ADIB1101 Managed 1-phase 16A horizontal PDU (3.6 kVA) with 18 x IEC 60320 C13 outlets. Input and outlet (18x) metering with outlet-level switching. Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 16A power lead. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓		✓	✓

GM DEA9VIB1101

MANAGED PDU 5.0 GATEWAY

43. Summary:

- vertical PDU (0 U)
- single phase 16 A
- metered input
- metered outlets
- switched outlets
- 30 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary **Enertree** PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 1455 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius)
MOUNT	Toolless mount buttons (brackets not included) (distance=1066, positions=194.1, 1260.9mm)
POWER INPUT	single phase 16 A, 230VAC - 50Hz
CABLE ENTRY	power entry side-cover top
CABLE & PLUG	Power lead (3G2,5 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
INPUT METERING	voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	24 x IEC 60320 C13 , 6 x IEC 60320 C19
METERED OUTLETS	30 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), power factor, crest factor, total harmonic distortion (%)
SWITCHED OUTLETS	30 times bistable near zero crossing switching relays
FUSES	n/a
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour

1 Phase 16 ampere 3.6 kVA

Tender text bid submittal: GM DEA9VIB1101 Managed 1-phase 16A vertical PDU (3.6 kVA) with 24 x IEC 60320 C13 and 6 x IEC 60320 C19 outlets. Input and outlet (30x) metering with outlet-level switching. Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 16A power lead. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓		✓	✓

GM BC77DIB1321

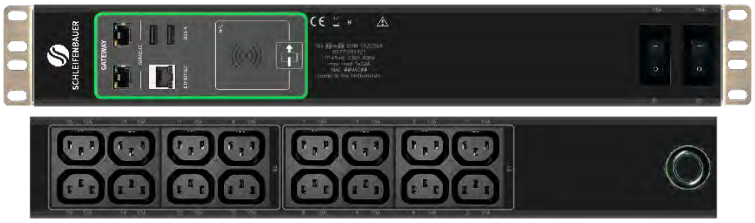
MANAGED PDU 5.0 GATEWAY

44. Summary:

- double horizontal PDU
- single phase 32 A
- metered input
- metered outlets
- switched outlets
- 16 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 440 x 65 x 105 mm (1.5 U) (excl. strain relief, mounting & cable bending radius)
MOUNT	sidecover 19 inch double deep housing
POWER INPUT	single phase 32 A, 230VAC - 50Hz
CABLE ENTRY	power entry rear-side left
CABLE & PLUG	Power lead (3G6 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
INPUT METERING	voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	16 x IEC 60320 C13
METERED OUTLETS	16 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), power factor, crest factor, total harmonic distortion (%)
SWITCHED OUTLETS	16 times bistable near zero crossing switching relays
FUSES	2 x Hydraulic-magnetic breaker 16A
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour



1 Phase 32 ampere 7.4 kVA

Tender text bid submittal: GM BC77DIB1321 Managed 1-phase 32A horizontal PDU (7.4 kVA) with 16 x IEC 60320 C13 outlets. Input and outlet (16x) metering with outlet-level switching. Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 32A power lead. 2x hydraulic-magnetic breakers. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓		✓	✓

GM 96BBVIB1321

MANAGED PDU 5.0 GATEWAY

45. Summary:

- vertical PDU (0 U)
- single phase 32 A
- metered input
- metered outlets
- switched outlets
- 24 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary **Enertree** PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 1340 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius)
MOUNT	Toolless mount buttons (brackets not included) (distance=1066, positions=136.6, 1203.4mm)
POWER INPUT	single phase 32 A, 230VAC - 50Hz
CABLE ENTRY	power entry side-cover top
CABLE & PLUG	Power lead (3G6 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
INPUT METERING	voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	12 x IEC Lock 60320 – CX (C13/C15/C19/C21) and 12 x IEC Lock C13/C15
METERED OUTLETS	24 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), power factor, crest factor, total harmonic distortion (%)
SWITCHED OUTLETS	24 times bistable near zero crossing switching relays
FUSES	2 x Hydraulic-magnetic breaker 16A
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour

1 Phase 32 ampere 7.4 kVA

Tender text bid submittal: GM 96BBVIB1321 Managed 1-phase 32A vertical PDU (7.4 kVA) with 12 x IEC Lock CX outlets (C13/C15/C19/C21) and 12 x IEC Lock C13/C15 outlets. Input and outlet (24x) metering with outlet-level switching. Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 32A power lead. 2x hydraulic-magnetic breakers. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓		✓	✓

GM BDBBDMB1323

MANAGED PDU 5.0 GATEWAY

46. Summary:

- double horizontal PDU
- single phase 32 A
- metered inputs
- metered branches (2x)
- metered outlets
- switched outlets
- 12 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 440 x 65 x 105 mm (1.5 U) (excl. strain relief, mounting & cable bending radius)
MOUNT	sidecover 19 inch double deep housing
POWER INPUT	single phase 32 A, 230VAC - 50Hz
CABLE ENTRY	power entry rear-side left
CABLE & PLUG	Power lead (3G6 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
BRANCH METERING	2 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	6 x IEC Lock 60320 – CX (C13/C15/C19/C21) and 6 x IEC Lock C13/C15
METERED OUTLETS	12 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), power factor, crest factor, total harmonic distortion (%)
SWITCHED OUTLETS	12 times bistable near zero crossing switching relays
FUSES	2 x Hydraulic-magnetic breaker 16A
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour

1 Phase 32 ampere 7.4 kVA

Tender text bid submittal: GM BDBBDMB1323 Managed 1-phase 32A horizontal PDU (7.4 kVA) with 6 x IEC Lock CX (C13/C15/C19/C21) and 6 x IEC Lock C13/C15 outlets. Input, branch (2x) and outlet (12x) metering with outlet-level switching. Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 32A power lead. 2x hydraulic-magnetic breakers. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓	✓	✓	✓

GM 6946VMB1323

MANAGED PDU 5.0 GATEWAY

47. Summary:

- vertical PDU (0 U)
- single phase 32 A
- metered inputs
- metered branches (2x)
- metered outlets
- switched outlets
- 30 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary **Enertree** PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 1495 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius)
MOUNT	Toolless mount buttons (brackets not included) (distance=1066, positions=214.1, 1280.9mm)
POWER INPUT	single phase 32 A, 230VAC - 50Hz
CABLE ENTRY	power entry side-cover top
CABLE & PLUG	Power lead (3G6 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
BRANCH METERING	2 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	24 x IEC 60320 C13 , 6 x IEC 60320 C19
METERED OUTLETS	30 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), power factor, crest factor, total harmonic distortion (%)
SWITCHED OUTLETS	30 times bistable near zero crossing switching relays
FUSES	2 x Hydraulic-magnetic breaker 16A
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour

1 Phase 32 ampere 7.4 kVA

Tender text bid submittal: GM 6946VMB1323 Managed 1-phase 32A vertical PDU (7.4 kVA) with 24 x IEC 60320 C13 and 6 x IEC 60320 C19 outlets. Input, branch (2x) and outlet (30x) metering with outlet-level switching. Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 32A power lead. 2x hydraulic-magnetic breakers. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓	✓	✓	✓

GM BEB1DIB3101

MANAGED PDU 5.0 GATEWAY

48. Summary:

- double horizontal PDU
- three phase 16 A
- metered input
- metered outlets
- switched outlets
- 18 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 440 x 65 x 105 mm (1.5 U) (excl. strain relief, mounting & cable bending radius)
MOUNT	sidecover 19 inch double deep housing
POWER INPUT	three phase 16 A, 230/400V - 50Hz
CABLE ENTRY	power entry rear-side left
CABLE & PLUG	Power lead (5G2,5 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
INPUT METERING	voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	18 x IEC 60320 C13
METERED OUTLETS	18 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), power factor, crest factor, total harmonic distortion (%)
SWITCHED OUTLETS	18 times bistable near zero crossing switching relays
FUSES	n/a
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour

3 Phase 16 ampere 11 kVA

Tender text bid submittal: GM BEB1DIB3101 Managed 3-phase 16A horizontal PDU (11 kVA) with 18 x IEC 60320 C13 outlets. Input and outlet (18x) metering with outlet-level switching. Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 16A power lead. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓		✓	✓

GM 82E1VIB3101

MANAGED PDU 5.0 GATEWAY

49. Summary:

- vertical PDU (0 U)
- three phase 16 A
- metered input
- metered outlets
- switched outlets
- 24 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary **Enertree** PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 1330 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius)
MOUNT	Toolless mount buttons (brackets not included) (distance=800, positions=265.0, 1065.0mm)
POWER INPUT	three phase 16 A, 230/400V - 50Hz
CABLE ENTRY	power entry side-cover top
CABLE & PLUG	Power lead (5G2,5 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
INPUT METERING	voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	12 x IEC Lock 60320 – CX (C13/C15/C19/C21) and 12 x IEC Lock C13/C15
METERED OUTLETS	24 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), power factor, crest factor, total harmonic distortion (%)
SWITCHED OUTLETS	24 times bistable near zero crossing switching relays
FUSES	n/a
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour

3 Phase 16 ampere 11 kVA

Tender text bid submittal: GM 82E1VIB3101 Managed 3-phase 16A vertical PDU (11 kVA) with 12 x IEC Lock CX outlets (C13/C15/C19/C21) and 12 x IEC Lock C13/C15 outlets. Input and outlet (24x) metering with outlet-level switching. Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 16A power lead. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓		✓	✓

GM A125DIB3361

MANAGED PDU 5.0 GATEWAY

50. Summary:

- double horizontal PDU
- three phase 32 A
- metered input
- metered outlets
- switched outlets
- 6 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 440 x 65 x 105 mm (1.5 U) (excl. strain relief, mounting & cable bending radius)
MOUNT	sidecover 19 inch double deep housing
POWER INPUT	three phase 32 A, 230/400V - 50Hz
CABLE ENTRY	power entry rear-side left
CABLE & PLUG	Power lead (5G6 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
INPUT METERING	voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	6 x IEC Lock 60320 – CX (C13/C15/C19/C21)
METERED OUTLETS	6 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), power factor, crest factor, total harmonic distortion (%)
SWITCHED OUTLETS	6 times bistable near zero crossing switching relays
FUSES	6 x Hydraulic-magnetic breaker 16A
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour

3 Phase 32 ampere 22 kVA

Tender text bid submittal: GM A125DIB3361 Managed 3-phase 32A horizontal PDU (22 kVA) with 6 x IEC Lock outlets (C13/C15/C19/C21). Input and outlet (6x) metering with outlet-level switching. Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 32A power lead. 6x hydraulic-magnetic breakers. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓		✓	✓

GM 8104VIB3361

MANAGED PDU 5.0 GATEWAY

51. Summary:

- vertical PDU (0 U)
- three phase 32 A
- metered input
- metered outlets
- switched outlets
- 30 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary **Enertree** PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 1620 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius)
MOUNT	Toolless mount buttons (brackets not included) (distance=1066, positions=276.6, 1343.4mm)
POWER INPUT	three phase 32 A, 230/400V - 50Hz
CABLE ENTRY	power entry side-cover top
CABLE & PLUG	Power lead (5G6 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
INPUT METERING	voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	24 x IEC 60320 C13 , 6 x IEC 60320 C19
METERED OUTLETS	30 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), power factor, crest factor, total harmonic distortion (%)
SWITCHED OUTLETS	30 times bistable near zero crossing switching relays
FUSES	6 x Hydraulic-magnetic breaker 16A
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour

3 Phase 32 ampere 22 kVA

Tender text bid submittal: GM 8104VIB3361 Managed 3-phase 32A vertical PDU (22 kVA) with 24 x IEC 60320 C13 and 6 x IEC 60320 C19 outlets. Input and outlet (30x) metering with outlet-level switching. Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 32A power lead. 6x hydraulic-magnetic breakers. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓		✓	✓

GM 46ACVMB3366

MANAGED PDU 5.0 GATEWAY

52. Summary:

- vertical PDU (0 U)
- three phase 32 A
- metered inputs
- metered branches (6x)
- metered outlets
- switched outlets
- 30 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary **Enertree** PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 1885 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius)
MOUNT	Toolless mount buttons (brackets not included) (distance=1333, positions=275.8, 1609.2mm)
POWER INPUT	three phase 32 A, 230/400V - 50Hz
CABLE ENTRY	power entry side-cover top
CABLE & PLUG	Power lead (5G6 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
BRANCH METERING	6 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	18 x IEC Lock 60320 – CX (C13/C15/C19/C21) and 12 x IEC Lock C13/C15
METERED OUTLETS	30 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), power factor, crest factor, total harmonic distortion (%)
SWITCHED OUTLETS	30 times bistable near zero crossing switching relays
FUSES	6 x Hydraulic-magnetic breaker 16A
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour

Tender text bid submittal: GM 46ACVMB3366 Managed 3-phase 32A vertical PDU (22 kVA) with 18 x IEC Lock CX outlets (C13/C15/C19/C21) and 12 x IEC Lock C13/C15 outlets. Input, branch (6x) and outlet (30x) metering with outlet-level switching. Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 32A power lead. 6x hydraulic-magnetic breakers. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓	✓	✓	✓

GM 5F11WMB3366

MANAGED PDU 5.0 GATEWAY

53. Summary:

- double vertical PDU
- three phase 32 A
- metered inputs
- metered branches (6x)
- metered outlets
- switched outlets
- 42 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 1650 x 65 x 105 mm (0U) (excl. strain relief, mounting & cable bending radius)
POWER INPUT	three phase 32 A, 230/400V - 50Hz
CABLE ENTRY	power entry front-side top
CABLE & PLUG	Power lead (5G6 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
BRANCH METERING	6 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	24 x IEC Lock 60320 – CX (C13/C15/C19/C21) and 18 x IEC Lock C13/C15
METERED OUTLETS	42 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), power factor, crest factor, total harmonic distortion (%)
SWITCHED OUTLETS	42 times bistable near zero crossing switching relays
FUSES	6 x Hydraulic-magnetic breaker 16A
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour

Tender text bid submittal: GM 5F11WMB3366 Managed 3-phase 32A vertical PDU (22 kVA) with 24 x IEC Lock CX (C13/C15/C19/C21) and 18 x IEC Lock C13/C15 outlets. Input, branch (6x) and outlet (42x) metering with outlet-level switching. Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 32A power lead. 6x hydraulic-magnetic breakers. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓	✓	✓	✓

GM D793WMB36C8

MANAGED PDU 5.0 GATEWAY

54. Summary:

- double vertical PDU
- three phase 63 A
- metered inputs
- metered branches (12x)
- metered outlets
- switched outlets
- 30 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 1755 x 65 x 105 mm (0U) (excl. strain relief, mounting & cable bending radius)
POWER INPUT	three phase 63 A, 230/400V - 50Hz
CABLE ENTRY	power entry side-cover top
CABLE & PLUG	Power lead (5G10 halogenfree) with CEE plug 3,0m
BRANCH METERING	12 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	30 x IEC 60320 - C13/C15/C19/C21 (IEC Lock)
METERED OUTLETS	30 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), power factor, crest factor, total harmonic distortion (%)
SWITCHED OUTLETS	30 times bistable near zero crossing switching relays
FUSES	12 x Hydraulic-magnetic breaker 16A
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features, RCS integration, and housing colour

3 Phase 63 ampere 43.6 kVA

Tender text bid submittal: GM D793WMB36C8 Managed 3-phase 63A vertical PDU (43.6 kVA) with 30 IEC Lock outlets (C13/C15/C19/C21). Input, branch (12x) and outlet (30x) metering with switching per outlet. Gateway Module with dual Gigabit LAN, USB, NFC remote display, LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 3.0m halogen-free CEE 63A power lead. 12x hydraulic-magnetic breakers. 60°C rated. Cascading 100 PDUs per IP. Cascading 32 Sensors per PDU. Complimentary EnerTree DCEM software.

Features	Metering per phase	Branch Metering	Outlet Metering	Outlet Switching
Intelligence	✓	✓	✓	✓

INLINE ENERGY METER

Inline Meters with Flexible Communication Options

Upgrade your existing non-intelligent power distribution without replacing your current PDUs. Schleifenbauer's Inline Meters offer an intelligent, cost-efficient solution for metering energy usage across both single-phase (16A / 32A) and three-phase (16A / 32A) environments.

Designed for seamless integration in vertical and horizontal setup. The horizontal Inline Meter fits a half-width 19-inch form factor, allowing two units to be mounted side by side in a standard rack. Installed between the power feed and connected equipment, the meter continuously measures current and voltage to calculate real-time power consumption. Data is displayed locally via the built-in screen and transmitted to your monitoring system via your preferred communication protocol.

When direct PDU monitoring isn't possible

In some colocation or multi-tenant data centre environments, metering via intelligent PDUs within client-owned racks may not be allowed for purposes such as billing, monitoring or security. Clients often retain full control over their racks, restricting direct access to infrastructure and energy data.

To overcome this limitation, a Schleifenbauer Inline Meter can be installed externally—between the power source and the client's PDU. This allows the data centre to monitor energy consumption independently of the client's infrastructure, enabling:

- Accurate billing based on actual usage
- Independent monitoring without accessing client equipment
- Enhanced security by restricting data access to the defined metering point

Key Benefits for Data Centres

- **Cost-efficient and sustainable:** Upgrade existing infrastructure without replacing PDUs—reducing both capital expenditure and electronic waste.
- **Smart metering for legacy PDUs:** Add metering capabilities to non-intelligent PDUs without a full infrastructure overhaul.
- **Real-time energy insights:** Accurate measurement (±0.5%) supports capacity planning, billing and operational efficiency.
- **Efficiency improvement:** Identify underused or inefficient equipment and improve PUE through informed energy management.
- **Modular, scalable design:** Implement targeted upgrades across your environment—adaptable to both small installations and large-scale deployments.

Communication Modules to Match Your Requirements

Each Inline Meter in this catalogue includes a Gateway Module as standard. Alternatively, models can be supplied with a Controller Module or Daisy Chain Module, depending on your system architecture and integration needs.
Please specify your preferred module when requesting a quotation.

Model

INLINE METER

GM 47A7VIP1101

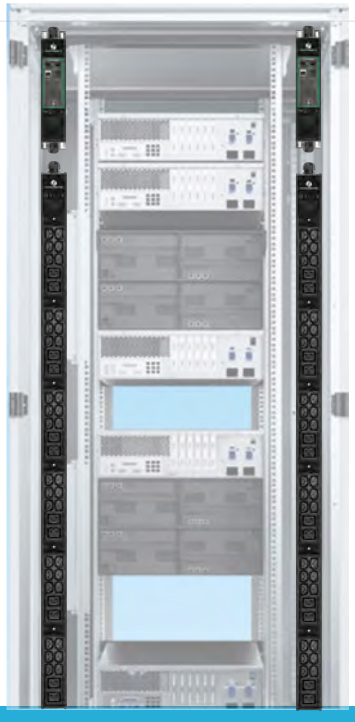
INLINE METER 5.0 GATEWAY

55. Summary:

- vertical (0 U)
- single phase 16 A
- metered input
- Inline Meter
- 1 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 280 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius)
MOUNT	sidecover table mount
POWER INPUT	single phase 16 A, 230VAC - 50Hz
CABLE ENTRY	power entry side-cover top
CABLE & PLUG	Power lead (3G2,5 halogenfree) with CEE plug 2,0m (strain relief height 2,5cm)
INPUT METERING	voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	1 x Exit lead (3G2,5 halogenfree) with IEC60309 socket 0,5m



Tender text bid submittal: GM 47A7VIP1101 Inline meter 1-phase 16A vertical (3.6 kVA) with 1 x IEC60309 socket (exit lead 0.5 m). Input metering. Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 2.0m CEE 16A plug. 60°C rated. Cascading 100 Inline Meters per IP. Cascading 32 Sensors per Inline Meter. Complimentary EnerTree DCEM software.

GM 8BCFDIP1101

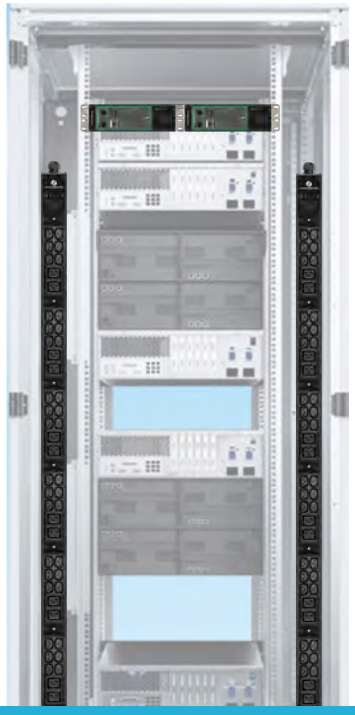
INLINE METER 5.0 GATEWAY

56. Summary:

- double horizontal
- single phase 16 A
- metered input
- Inline Meter
- 1 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module	
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software	
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)	
DIMENSIONS	L x W x D = 209 x 65 x 105 mm (1.5 U) (excl. strain relief, mounting & cable bending radius)	
MOUNT	sidecover 19 inch double deep housing	
POWER INPUT	single phase 16 A, 230VAC - 50Hz	
CABLE ENTRY	power entry rear-side left	
CABLE & PLUG	Power lead (3G2,5 halogenfree) with CEE plug 2,0m (strain relief height 2,5cm)	
INPUT METERING	voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)	
OUTLETS	1 x Exit lead (3G2,5 halogenfree) with IEC60309 socket 0,5m	



Tender text bid submittal: GM 8BCFDIP1101 Inline meter 1-phase 16A double horizontal (3.6 kVA) with 1 x IEC60309 socket (exit lead 0.5 m). Input metering. Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 2.0m CEE 16A plug. 60°C rated. Cascading 100 Inline Meters per IP. Cascading 32 Sensors per Inline Meter. Complimentary EnerTree DCEM software.

GM 681DVIP1301

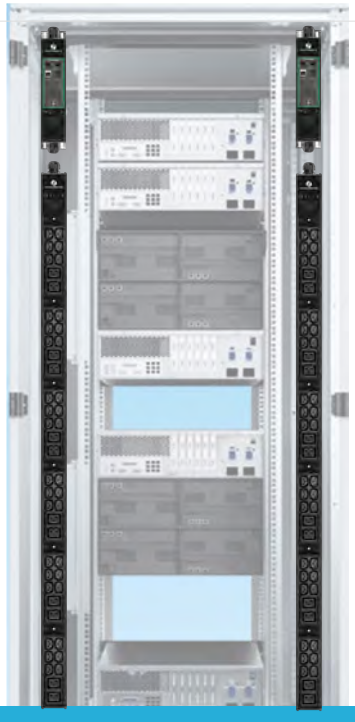
INLINE METER 5.0 GATEWAY

57. Summary:

- vertical (0 U)
- single phase 32 A
- metered input
- Inline Meter
- 1 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 280 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius)
MOUNT	sidecover table mount
POWER INPUT	single phase 32 A, 230VAC - 50Hz
CABLE ENTRY	power entry side-cover top
CABLE & PLUG	Power lead (3G6 halogenfree) with CEE plug 2,0m (strain relief height 2,5cm)
INPUT METERING	voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	1 x Exit lead (3G6 halogenfree) with IEC60309 socket 0,5m



Tender text bid submittal: GM 681DVIP1301 Inline meter 1-phase 32A vertical (7.4 kVA) with 1 x IEC60309 socket (exit lead 0.5 m). Input metering. Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 2.0m halogen-free CEE 32A power lead. 60°C rated. Complimentary EnerTree DCEM software. Cascading 100 Inline Meters per IP. Cascading 32 Sensors per Inline Meter. Complimentary EnerTree DCEM software.

GM ED23DIP1301

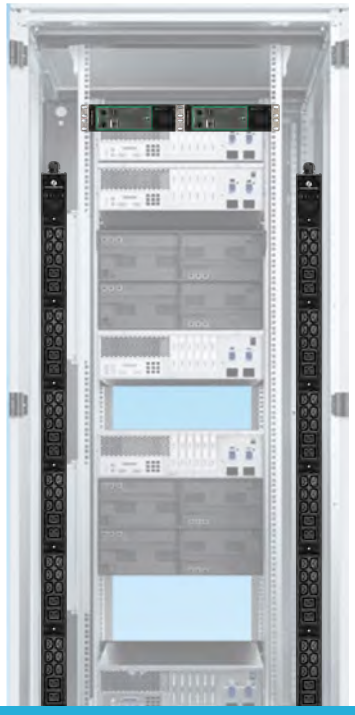
INLINE METER 5.0 GATEWAY

58. Summary:

- double horizontal
- single phase 32 A
- metered input
- Inline Meter
- 1 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module	
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software	
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)	
DIMENSIONS	L x W x D = 209 x 65 x 105 mm (1.5 U) (excl. strain relief, mounting & cable bending radius)	
MOUNT	sidecover 19 inch double deep housing	
POWER INPUT	single phase 32 A, 230VAC - 50Hz	
CABLE ENTRY	power entry rear-side left	
CABLE & PLUG	Power lead (3G6 halogenfree) with CEE plug 2,0m (strain relief height 2,5cm)	
INPUT METERING	voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)	
OUTLETS	1 x Exit lead (3G6 halogenfree) with IEC60309 socket 0,5m	



Tender text bid submittal: GM ED23DIP1301 Inline meter 1-phase 32A horizontal (7.4 kVA) with 1 x IEC60309 socket (exit lead 0.5 m). Input metering. Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 2.0m halogen-free CEE 32A power lead. 60°C rated. Cascading 100 Inline Meters per IP. Cascading 32 Sensors per Inline Meter. Complimentary EnerTree DCEM software.

GM 373AVIP3101

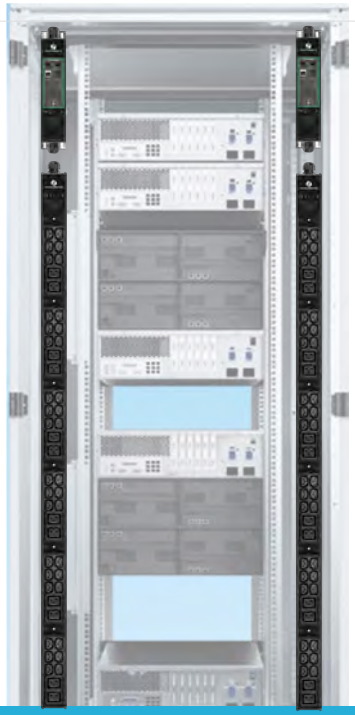
INLINE METER 5.0 GATEWAY

59. Summary:

- vertical (0 U)
- three phase 16 A
- metered input
- Inline Meter
- 1 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 280 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius)
MOUNT	sidecover table mount
POWER INPUT	three phase 16 A, 230/400V - 50Hz
CABLE ENTRY	power entry side-cover top
CABLE & PLUG	Power lead (5G2,5 halogenfree) with CEE plug 2,0m (strain relief height 2,5cm)
INPUT METERING	voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	1 x Exit lead (5G2,5 halogenfree) with IEC60309 socket 0,5m



Tender text bid submittal: GM 373AVIP3101 Inline meter 3-phase 16A vertical (11 kVA) with 1 x IEC60309 socket (exit lead 0.5 m). Input metering. Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 2.0m halogen-free CEE 16A power lead. 60°C rated. Cascading 100 Inline Meters per IP. Cascading 32 Sensors per Inline Meter. Complimentary EnerTree DCEM software.

GM BA4EDIP3101

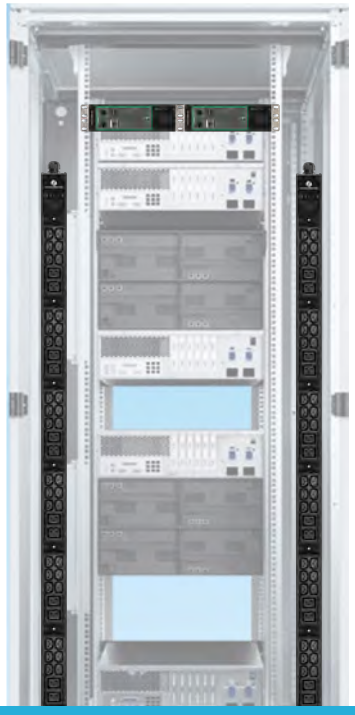
INLINE METER 5.0 GATEWAY

60. Summary:

- double horizontal
- three phase 16 A
- metered input
- Inline Meter
- 1 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module	
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software	
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)	
DIMENSIONS	L x W x D = 209 x 65 x 105 mm (1.5 U) (excl. strain relief, mounting & cable bending radius)	
MOUNT	sidecover 19 inch double deep housing	
POWER INPUT	three phase 16 A, 230/400V - 50Hz	
CABLE ENTRY	power entry rear-side left	
CABLE & PLUG	Power lead (5G2,5 halogenfree) with CEE plug 2,0m (strain relief height 2,5cm)	
INPUT METERING	voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)	
OUTLETS	1 x Exit lead (5G2,5 halogenfree) with IEC60309 socket 0,5m	



Tender text bid submittal: GM BA4EDIP3101 Inline meter 3-phase 16A horizontal (11 kVA) with 1 x IEC60309 socket (exit lead 0.5 m). Input metering. Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 2.0m halogen-free CEE 16A power lead. 60°C rated. Cascading 100 Inline Meters per IP. Cascading 32 Sensors per Inline Meter. Complimentary EnerTree DCEM software.

GM B295VIP3301

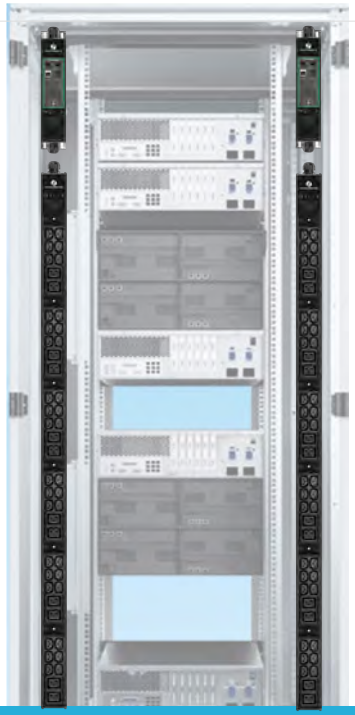
INLINE METER 5.0 GATEWAY

61. Summary:

- vertical (0 U)
- three phase 32 A
- metered input
- Inline Meter
- 1 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 280 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius)
MOUNT	sidecover table mount
POWER INPUT	three phase 32 A, 230/400V - 50Hz
CABLE ENTRY	power entry side-cover top
CABLE & PLUG	Power lead (5G6 halogenfree) with CEE plug 2,0m (strain relief height 2,5cm)
INPUT METERING	voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)
OUTLETS	1 x Exit lead (5G6 halogenfree) with IEC60309 socket 0,5m



Tender text bid submittal: GM B295VIP3301 Inline meter 3-phase 32A vertical (22 kVA) with 1 x IEC60309 socket (exit lead 0.5 m). Input metering. Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 2.0m halogen-free CEE 32A power lead. 60°C rated. Cascading 100 Inline Meters per IP. Cascading 32 Sensors per Inline Meter. Complimentary EnerTree DCEM software.

GM 0A1DDIP3301

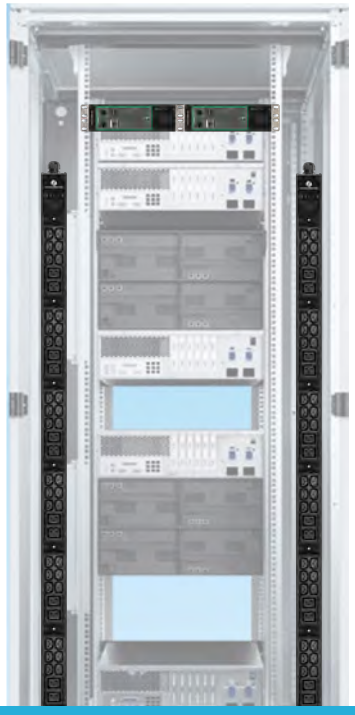
INLINE METER 5.0 GATEWAY

62. Summary:

- double horizontal
- three phase 32 A
- metered input
- Inline Meter
- 1 outlets

SPECIFICATIONS

GENERAL	Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module	
CONNECTIVITY	Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary **Enertree** PDU monitoring & management software	
ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)	
DIMENSIONS	L x W x D = 209 x 65 x 105 mm (1.5 U) (excl. strain relief, mounting & cable bending radius)	
MOUNT	sidecover 19 inch double deep housing	
POWER INPUT	three phase 32 A, 230/400V - 50Hz	
CABLE ENTRY	power entry rear-side left	
CABLE & PLUG	Power lead (5G6 halogenfree) with CEE plug 2,0m (strain relief height 2,5cm)	
INPUT METERING	voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%)	
OUTLETS	1 x Exit lead (5G6 halogenfree) with IEC60309 socket 0,5m	



Tender text bid submittal: GM 0A1DDIP3301 Inline meter 3-phase 32A horizontal (22 kVA) with 1 x IEC60309 socket (exit lead 0.5 m). Input metering. Gateway Module with dual Gigabit LAN, USB, NFC remote display, and LED ring. Protocols: HTTP/HTTPS, REST API, MODBUS/TCP, SNMP v1/v2c/v3, Traps, IPv4/6, SMTP, Syslog, CLI. Data export: MS SQL, MySQL, MariaDB. Aluminium housing (IP20), 2.0m halogen-free CEE 32A power lead. 60°C rated. Cascading 100 Inline Meters per IP. Cascading 32 Sensors per Inline Meter. Complimentary EnerTree DCEM software.

NON-INTELLIGENT

Basic PDUs – Reliable Power Distribution without Intelligence
Schleifenbauer's **Basic PDUs** provide dependable power distribution for environments where monitoring, remote control, or integration is not required. These non-intelligent units deliver reliable performance with minimal complexity—making them a practical solution for specific applications within data centre infrastructure.

Key Benefits of Basic PDUs
- **Cost-effective**: A budget-friendly alternative, ideal for smaller-scale installations or cost-sensitive projects.
- **Simple deployment**: No configuration, software, or network setup required—enabling rapid installation and immediate operation.
- **High reliability**: With no active electronics or network interfaces, Basic PDUs reduce potential points of failure and are inherently robust.
- **Universal compatibility**: Fully compatible with all IT equipment, as they operate independently of communication protocols and management platforms.

Application Considerations
Basic PDUs are well suited for environments where power distribution alone is sufficient. However, they do not offer real-time monitoring, remote switching, or data analytics—features that are essential for capacity planning, energy efficiency, and operational insight in more complex data centre environments.

For enhanced control and visibility, Schleifenbauer recommends intelligent PDUs or modular alternatives such as **Inline Meters**, which add metering functionality to existing infrastructure without full replacement.

Model

BASIC PDU

5FFBHNN1101

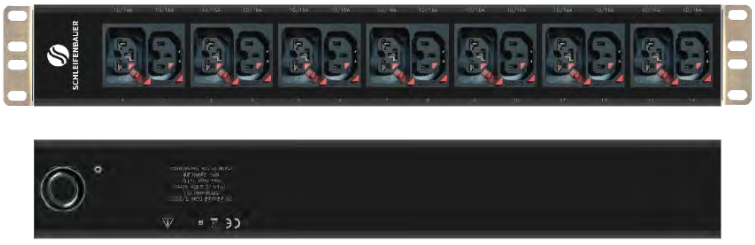
BASIC PDU

63. Summary:

- horizontal PDU
- single phase 16 A
- basic
- 14 outlets

SPECIFICATIONS

ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 440 x 65 x 52.5 mm (1.5 U) (excl. strain relief, mounting & cable bending radius)
MOUNT	sidecover 19 inch
POWER INPUT	single phase 16 A, 230VAC - 50Hz
CABLE ENTRY	power entry rear-side left
CABLE & PLUG	Power lead (3G2,5 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
OUTLETS	7 x IEC Lock 60320 – CX (C13/C15/C19/C21) and 7 x IEC Lock C13/C15
FUSES	n/a
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features and housing colour



Tender text bid submittal: 5FFBHNN1101 Basic 1-phase 16A horizontal PDU (3.6 kVA) with 14 x IEC Lock outlets (C13/C15/C19/C21). Aluminium housing (IP20), 3.0m halogen-free CEE 16A power lead. Sidecover 19" mounting,. 60°C rated.

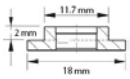
E46EVNN1101

BASIC PDU

64. Summary:

- vertical PDU (0 U)
- single phase 16 A
- basic
- 14 outlets

SPECIFICATIONS

ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)	
DIMENSIONS	L x W x D = 375 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius)	
MOUNT	Toolless mount buttons (brackets not included) (distance=266, positions=54.2, 320.8mm)	
POWER INPUT	single phase 16 A, 230VAC - 50Hz	
CABLE ENTRY	power entry side-cover top	
CABLE & PLUG	Power lead (3G2,5 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)	
OUTLETS	12 x IEC 60320 C13 , 2 x IEC 60320 C19	
FUSES	n/a	
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features and housing colour	

1 Phase 16 ampere 3.6 kVA

Tender text bid submittal: E46EVNN1101 Basic 1-phase 16A vertical PDU (3.6 kVA) with 14 x IEC Lock outlets (C13/C15/C19/C21). Aluminium housing (IP20), 3.0m halogen-free CEE 16A power lead. Toolless 0U mounting. 60°C rated.

F86CHNN1321

BASIC PDU

65. Summary:

- horizontal PDU
- single phase 32 A
- basic
- 14 outlets

SPECIFICATIONS

ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 440 x 65 x 52.5 mm (1.5 U) (excl. strain relief, mounting & cable bending radius)
MOUNT	sidecover 19 inch
POWER INPUT	single phase 32 A, 230VAC - 50Hz
CABLE ENTRY	power entry rear-side left
CABLE & PLUG	Power lead (3G6 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
OUTLETS	12 x IEC 60320 C13 , 2 x IEC 60320 C19
FUSES	2 x Hydraulic-magnetic breaker 16A
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features and housing colour

Tender text bid submittal: F86CHNN1321 Basic 1-phase 32A horizontal PDU (7.4 kVA) with 14 x IEC Lock outlets (C13/C15/C19/C21). Aluminium housing (IP20), 3.0m halogen-free CEE 32A power lead. Sidecover 19" mounting. 60°C rated.

4CDBDNN1321

BASIC PDU

66. Summary:

- double horizontal PDU
- single phase 32 A
- basic
- 20 outlets

SPECIFICATIONS

ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 440 x 65 x 105 mm (1.5 U) (excl. strain relief, mounting & cable bending radius)
MOUNT	sidecover 19 inch double deep housing
POWER INPUT	single phase 32 A, 230VAC - 50Hz
CABLE ENTRY	power entry rear-side left
CABLE & PLUG	Power lead (3G6 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
OUTLETS	20 x IEC 60320 C13
FUSES	2 x Hydraulic-magnetic breaker 16A
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features and housing colour

Tender text bid submittal: 4CBDBNN1321 Basic 1-phase 32A horizontal PDU (7.4 kVA) with 20 x IEC Lock C13 outlets. Aluminium housing (IP20), 3.0m halogen-free CEE 32A power lead. Sidecover 19" double deep mounting. 60°C rated.

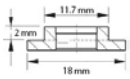
1533VNN1321

BASIC PDU

67. Summary:

- vertical PDU (0 U)
- single phase 32 A
- basic
- 30 outlets

SPECIFICATIONS

ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 785 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius)
MOUNT	Toolless mount buttons (brackets not included) (distance=533, positions=125.8, 659.2mm) 
POWER INPUT	single phase 32 A, 230VAC - 50Hz
CABLE ENTRY	power entry side-cover top
CABLE & PLUG	Power lead (3G6 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
OUTLETS	24 x IEC 60320 C13 , 6 x IEC 60320 C19
FUSES	2 x Hydraulic-magnetic breaker 16A
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features and housing colour

Tender text bid submittal: 1533VNN1321 Basic 1-phase 32A vertical PDU (7.4 kVA) with 30 x IEC Lock outlets (C13/C15/C19/C21). Aluminium housing (IP20), 3.0m halogen-free CEE 32A power lead. Toolless 0U mounting. 60°C rated.

D281HNN3101

BASIC PDU

68. Summary:

- horizontal PDU
- three phase 16 A
- basic
- 9 outlets

SPECIFICATIONS

ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 440 x 65 x 52.5 mm (1.5 U) (excl. strain relief, mounting & cable bending radius)
MOUNT	sidecover 19 inch
POWER INPUT	three phase 16 A, 230/400V - 50Hz
CABLE ENTRY	power entry rear-side left
CABLE & PLUG	Power lead (5G2,5 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
OUTLETS	9 x IEC 60320 - C13/C15/C19/C21 (IEC Lock)
FUSES	n/a
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features and housing colour

Tender text bid submittal: D281HNN3101 Basic 3-phase 16A horizontal PDU (11 kVA) with 9 x IEC Lock outlets (C13/C15/C19/C21). Aluminium housing (IP20), 3.0m halogen-free CEE 16A power lead. Sidecover 19" mounting. 60°C rated.

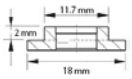
77A6VNN3101

BASIC PDU

69. Summary:

- vertical PDU (0 U)
- three phase 16 A
- basic
- 30 outlets

SPECIFICATIONS

ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)	
DIMENSIONS	L x W x D = 780 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius)	
MOUNT	Toolless mount buttons (brackets not included) (distance=533, positions=123.3, 656.7mm)	
POWER INPUT	three phase 16 A, 230/400V - 50Hz	
CABLE ENTRY	power entry side-cover top	
CABLE & PLUG	Power lead (5G2,5 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)	
OUTLETS	24 x IEC 60320 C13 , 6 x IEC 60320 C19	
FUSES	n/a	
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features and housing colour	

Tender text bid submittal: 77A6VNN3101 Basic 3-phase 16A vertical PDU (11 kVA) with 30 x IEC Lock outlets (C13/C15/C19/C21). Aluminium housing (IP20), 3.0m halogen-free CEE 16A power lead. Toolless 0U mounting. 60°C rated.

9A94HNN3361

BASIC PDU

70. Summary:

- horizontal PDU
- three phase 32 A
- basic
- 6 outlets

SPECIFICATIONS

ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 440 x 65 x 52.5 mm (1.5 U) (excl. strain relief, mounting & cable bending radius)
MOUNT	sidecover 19 inch
POWER INPUT	three phase 32 A, 230/400V - 50Hz
CABLE ENTRY	power entry rear-side left
CABLE & PLUG	Power lead (5G6 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
OUTLETS	6 x IEC 60320 - C13/C15/C19/C21 (IEC Lock)
FUSES	6 x Hydraulic-magnetic breaker 16A
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features and housing colour

Tender text bid submittal: 9A94HNN3361 Basic 3-phase 32A horizontal PDU (22 kVA) with 6 x IEC Lock outlets (C13/C15/C19/C21). Aluminium housing (IP20), 3.0m halogen-free CEE 32A power lead. Sidecover 19" mounting. 6x hydraulic-magnetic breakers. 60°C rated.

73DCDNN3361

BASIC PDU

71. Summary:

- double horizontal PDU
- three phase 32 A
- basic
- 12 outlets

SPECIFICATIONS

ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 440 x 65 x 105 mm (1.5 U) (excl. strain relief, mounting & cable bending radius)
MOUNT	sidecover 19 inch double deep housing
POWER INPUT	three phase 32 A, 230/400V - 50Hz
CABLE ENTRY	power entry rear-side left
CABLE & PLUG	Power lead (5G6 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
OUTLETS	6 x IEC Lock 60320 – CX (C13/C15/C19/C21) and 6 x IEC Lock C13/C15
FUSES	6 x Hydraulic-magnetic breaker 16A
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features and housing colour

Tender text bid submittal: 73DCDNN3361 Basic 3-phase 32A horizontal PDU (22 kVA) with 12 x IEC Lock outlets (C13/C15/C19/C21). Aluminium housing (IP20), 3.0m halogen-free CEE 32A power lead. Sidecover 19" mounting. 6x hydraulic-magnetic breakers. 60°C rated.

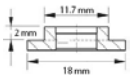
8856VNN3361

BASIC PDU

72. Summary:

- vertical PDU (0 U)
- three phase 32 A
- basic
- 48 outlets

SPECIFICATIONS

ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 1300 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius)
MOUNT	Toolless mount buttons (brackets not included) (distance=800, positions=250.0, 1050.0mm) 
POWER INPUT	three phase 32 A, 230/400V - 50Hz
CABLE ENTRY	power entry side-cover top
CABLE & PLUG	Power lead (5G6 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)
OUTLETS	12 x IEC 60320 C19, 36 x IEC 60320 C13
FUSES	6 x Hydraulic-magnetic breaker 16A
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features and housing colour

Tender text bid submittal: 8856VNN3361 Basic 3-phase 32A vertical PDU (22 kVA) with 12 x IEC 60320 C19, 36 x IEC 60320 C13 outlets. Aluminium housing (IP20), 3.0m halogen-free CEE 32A power lead. Toolless 0U mounting. 6x hydraulic-magnetic breakers. 60°C rated.

E26CWNN36C1

BASIC PDU

73. Summary:

- double vertical PDU
- three phase 63 A
- basic
- 30 outlets

SPECIFICATIONS

ENCLOSURE	Profile color black, aluminium with stainless steel covers (IP20)
DIMENSIONS	L x W x D = 1615 x 65 x 105 mm (0U) (excl. strain relief, mounting & cable bending radius)
POWER INPUT	three phase 63 A, 230/400V - 50Hz
CABLE ENTRY	power entry side-cover top
CABLE & PLUG	Power lead (5G10 halogenfree) with CEE plug 3,0m
OUTLETS	30 x IEC 60320 - C13/C15/C19/C21 (IEC Lock)
FUSES	12 x Hydraulic-magnetic breaker 16A
CONFIGURABLE	Each PDU can be configured to your exact specifications—at no additional cost—including outlet configuration, fuse type, cable inlet position, cable length, plug type, protective features and housing colour

Tender text bid submittal: E26CWNN36C1 Basic 3-phase 63A vertical PDU (43.6 kVA) with 30 x IEC Lock outlets CX (C13/C15/C19/C21). Aluminium housing (IP20), 3.0m halogen-free CEE 63A power lead. Toolless 0U mounting. 12x hydraulic-magnetic breakers. 60°C rated.

PDU LIST

List item number	Part number	Device Type	Type	Phase	Amperage	Metered Inputs	Metered Branches	Metered Outlets	Switched Outlets	C13 Outlets	C19 Outlets	IEC Lock C13	IEC Lock CX
1	GM 99CBHIN1101	Metered PDU	horizontal	single phase	16 A	Yes	No	No	No	12.0	-	-	-
2	GM EA85VIN1101	Metered PDU	vertical	single phase	16 A	Yes	No	No	No	18.0	6.0	--	
3	GM D71FHMN1323	Metered PDU	horizontal	single phase	32 A	Yes	Yes	No	No	8.0	-	-	-
4	GM 4BB5HMN1323	Metered PDU	horizontal	single phase	32 A	Yes	Yes	No	No	-	-	8.0	-
5	GM 584BDMN1323	Metered PDU	double horizontal	single phase	32 A	Yes	Yes	No	No	20.0	-	-	-
6	GM 5BFCVMN1323	Metered PDU	vertical	single phase	32 A	Yes	Yes	No	No	24.0	6.0	-	-
7	GM 00F1VMN1323	Metered PDU	vertical	single phase	32 A	Yes	Yes	No	No	36.0	6.0	-	-
8	GM D414HIN3101	Metered PDU	horizontal	three phase	16 A	Yes	No	No	No	-	-	3.0	3.0
9	GM 9FB8DIN3101	Metered PDU	double horizontal	three phase	16 A	Yes	No	No	No	12.0	3.0	-	-
10	GM C77DVIN3101	Metered PDU	vertical	three phase	16 A	Yes	No	No	No	36.0	6.0	-	-
11	GM 1AA4VIN3361	Metered PDU	vertical	three phase	32 A	Yes	No	No	No	24.0	12.0	-	-
12	GM 01C7VMN3366	Metered PDU	vertical	three phase	32 A	Yes	Yes	No	No	36.0	12.0	-	-
13	GM DF48DIN3361	Metered PDU	double horizontal	three phase	32 A	Yes	No	No	No	12.0	-	-	-
14	GM F244DMN3366	Metered PDU	double horizontal	three phase	32 A	Yes	Yes	No	No	-	-	6.0	6.0
15	GM D159VMN3366	Metered PDU	vertical	three phase	32 A	Yes	Yes	No	No	36.0	-	-	12.0
16	GM 4CC1WMN36C8	Metered PDU	double vertical	three phase	63 A	Yes	Yes	No	No		-	-	30.0
17	GM BBC2HIM1101	Monitored PDU	horizontal	single phase	16 A	Yes	No	Yes	No	8.0	-	-	-
18	GM 0B7FDIM1101	Monitored PDU	double horizontal	single phase	16 A	Yes	No	Yes	No	-	-	7.0	7.0
19	GM C899VIM1101	Monitored PDU	vertical	single phase	16 A	Yes	No	Yes	No	24.0	6.0	-	-
20	GM 0885VIM1321	Monitored PDU	vertical	single phase	32 A	Yes	No	Yes	No	24.0	6.0	-	-
21	GM C8ECDIM1321	Monitored PDU	double horizontal	single phase	32 A	Yes	No	Yes	No	16.0	2.0	-	-
22	GM 649EDMM1323	Monitored PDU	double horizontal	single phase	32 A	Yes	Yes	Yes	No	-	-	6.0	6.0
23	GM 6AC3VMM1323	Monitored PDU	vertical	single phase	32 A	Yes	Yes	Yes	No	36.0	6.0	-	-
24	GM F54EVMM1323	Monitored PDU	vertical	single phase	32 A	Yes	Yes	Yes	No	-	-	18.0	18.0
25	GM B34ADIM3101	Monitored PDU	double horizontal	three phase	16 A	Yes	No	Yes	No	-	-	6.0	6.0
26	GM 8EE4VIM3101	Monitored PDU	vertical	three phase	16 A	Yes	No	Yes	No	-	-	18.0	18.0
27	GM 3433DIM3361	Monitored PDU	double horizontal	three phase	32 A	Yes	No	Yes	No	-	-	3.0	6.0
28	GM A935VIM3361	Monitored PDU	vertical	three phase	32 A	Yes	No	Yes	No	-	-	18.0	18.0
29	GM 32EEWMM36C8	Monitored PDU	double vertical	three phase	63 A	Yes	Yes	Yes	No	-	-	-	30.0
30	GM 1FE2DIS1101	Switched PDU	double horizontal	single phase	16 A	Yes	No	No	Yes	-	-	6.0	6.0
31	GM C1FCVIS1101	Switched PDU	vertical	single phase	16 A	Yes	No	No	Yes	24.0	6.0	-	-
32	GM 7C54DMS1323	Switched PDU	double horizontal	single phase	32 A	Yes	Yes	No	Yes	-	-	6.0	6.0
33	GM EF18VIS1321	Switched PDU	vertical	single phase	32 A	Yes	No	No	Yes	20.0	4.0	-	-
34	GM E2C5VMS1323	Switched PDU	vertical	single phase	32 A	Yes	Yes	No	Yes	-	-	14.0	16.0
35	GM 017EDIS3101	Switched PDU	double horizontal	three phase	16 A	Yes	No	No	Yes	12	-	-	-
36	GM F47CVIS3101	Switched PDU	vertical	three phase	16 A	Yes	No	No	Yes	30.0	12.0	-	-
37	GM B3ECDIS3361	Switched PDU	double horizontal	three phase	32 A	Yes	No	No	Yes	12.0	-	-	-
38	GM 8344VIS3361	Switched PDU	vertical	three phase	32 A	Yes	No	No	Yes	24.0	6.0	-	-
39	GM D750VMS3366	Switched PDU	vertical	three phase	32 A	Yes	Yes	No	Yes	-	-	12.0	18.0
40	GM DD7BWMS36C8	Switched PDU	double vertical	three phase	63 A	Yes	Yes	No	Yes	-	-	-	30.0
41	GM 42CCHIB1101	Managed PDU	horizontal	single phase	16 A	Yes	No	Yes	Yes	6.0	-	-	-
42	GM 7C0ADIB1101	Managed PDU	double horizontal	single phase	16 A	Yes	No	Yes	Yes	18.0	-	-	-
43	GM DEA9VIB1101	Managed PDU	vertical	single phase	16 A	Yes	No	Yes	Yes	24.0	6.0	-	-
44	GM BC77DIB1321	Managed PDU	double horizontal	single phase	32 A	Yes	No	Yes	Yes	16.0	-	-	-
45	GM 96BBVIB1321	Managed PDU	vertical	single phase	32 A	Yes	No	Yes	Yes	-	-	12.0	12.0
46	GM BDBBDMB1323	Managed PDU	double horizontal	single phase	32 A	Yes	Yes	Yes	Yes	-	-	6.0	6.0
47	GM 6946VMB1323	Managed PDU	vertical	single phase	32 A	Yes	Yes	Yes	Yes	24.0	6.0	-	-
48	GM BEB1DIB3101	Managed PDU	double horizontal	three phase	16 A	Yes	No	Yes	Yes	18.0	-	-	-
49	GM 82E1VIB3101	Managed PDU	vertical	three phase	16 A	Yes	No	Yes	Yes	-	-	12.0	12.0
50	GM A125DIB3361	Managed PDU	double horizontal	three phase	32 A	Yes	No	Yes	Yes	-	-	-	6.0
51	GM 8104VIB3361	Managed PDU	vertical	three phase	32 A	Yes	No	Yes	Yes	24.0	6.0	-	-
52	GM 46ACVMB3366	Managed PDU	vertical	three phase	32 A	Yes	Yes	Yes	Yes	-	-	12.0	18.0
53	GM 5F11WMB3366	Managed PDU	double vertical	three phase	32 A	Yes	Yes	Yes	Yes	-	-	18.0	24.0
54	GM D793WMB36C8	Managed PDU	double vertical	three phase	63 A	Yes	Yes	Yes	Yes	-	-	-	30.0
55	GM 47A7VIP1101	Inline Meter	vertical	single phase	16 A	Yes	No	No	No	-	-	-	-
56	GM 8BCFDIP1101	Inline Meter	double horizontal	single phase	16 A	Yes	No	No	No	-	-	-	-
57	GM 681DVIP1301	Inline Meter	vertical	single phase	32 A	Yes	No	No	No	-	-	-	-
58	GM ED23DIP1301	Inline Meter	double horizontal	single phase	32 A	Yes	No	No	No	-	-	-	-
59	GM 373AVIP3101	Inline Meter	vertical	three phase	16 A	Yes	No	No	No	-	-	-	-
60	GM BA4EDIP3101	Inline Meter	double horizontal	three phase	16 A	Yes	No	No	No	-	-	-	-
61	GM B295VIP3301	Inline Meter	vertical	three phase	32 A	Yes	No	No	No	-	-	-	-
62	GM 0A1DDIP3301	Inline Meter	double horizontal	three phase	32 A	Yes	No	No	No	-	-	-	-
63	5FFBHNN1101	Basic PDU	horizontal	single phase	16 A	No	No	No	No	-	-	7.0	7.0
64	E46EVNN1101	Basic PDU	vertical	single phase	16 A	No	No	No	No	12.0	2.0	-	-
65	F86CHNN1321	Basic PDU	horizontal	single phase	32 A	No	No	No	No	12.0	2.0	-	-
66	4CDBDNN1321	Basic PDU	double horizontal	single phase	32 A	No	No	No	No	20.0	-	-	-
67	1533VNN1321	Basic PDU	vertical	single phase	32 A	No	No	No	No	24.0	6.0	-	-
68	D281HNN3101	Basic PDU	horizontal	three phase	16 A	No	No	No	No	-	-	-	9.0
69	77A6VNN3101	Basic PDU	vertical	three phase	16 A	No	No	No	No	24.0	6.0	-	-
70	9A94HNN3361	Basic PDU	horizontal	three phase	32 A	No	No	No	No	-	-	-	6.0
71	73DCDNN3361	Basic PDU	double horizontal	three phase	32 A	No	No	No	No	-	-	6.0	6.0
72	8856VNN3361	Basic PDU	vertical	three phase	32 A	No	No	No	No	36.0	12.0	-	-
73	E26CWNN36C1	Basic PDU	double vertical	three phase	63 A	No	No	No	No	-	-	-	30.0

SENSORS

Temperature Sensor
- 2x RJ45 connector
- 1x USB-C (with single screw lock)
- Dual color status Led

Temperature & Humidity Sensor
- 2x RJ45 connector
- 1x USB-C (with single screw lock)
- Dual color status Led

Digital input (2 x) sensor
- 2x RJ45 connector
- 1x USB-C (with single screw lock)
- 2x digital input (connector 4 pins)
- Non-isolating (contact closure), Ground switching (Internal Pull-Up)
- Dual color status Led

Digital input (4x) output (2x) sensor
- 2x RJ45 connector
- 1x USB-C (with single screw lock)
- 4x digital input (connector 8 pins)
- Non-isolating (contact closure), Ground switching (Internal Pull-Up)
- 2x relay 12V Power In, 2 dry contacts outputs
- Dual color status Led

150770
Digital input (2x)
sensor

150750
Temperature sensor

Each PDU supports up to 16 Daisy Chained sensors per USB port

The order of connected sensors is flexible, and use of both USB ports is optional

150780
Digital input (4x)
output (2x) sensor

150760
Temp / Humidity
sensor

YourPDU

Fully Configurable PDUs – At No Extra Cost or Delay

Every Schleifenbauer PDU is assembled to order and fully tailored to your specifications. You define exactly what you need—at no additional cost, with no minimum order quantity, and without affecting lead times.

Whether you require:
- Specific cable lengths or connector types
- Custom outlet layouts (type, number, position, and colour)
- Integrated measurement and monitoring features
- Controller positioning or control interface adjustments
- Unique identification (labelling, barcodes, colour coding)
- Mechanical adaptations for specific rack or mounting situations

We ensure your PDU fits seamlessly into your infrastructure and operational workflow. Our efficient production process guarantees fast delivery regardless of the configuration.

With Schleifenbauer, there is no need to compromise on design or planning. You get precisely what your project requires—quickly, reliably, and without hidden costs.

Find all the detailed customisation options on our website www.Schleifenbauer.eu

Measurement
Per Phase
Per Breaker
Per Outlet

Remote Switching
Outlet switching delay
Near Zero Voltage Switching
Bi-stable relays

Modules
Gateway Module
Controller module
Daisy chain Module

Protection
Dehn Surge protection
External Earthing

Chassis colours
Red
Blue
Green
Yello
Orange
Gray

Cable & Plug
Input position
Cable length
Plug type

Sensor
RCS Residual
current sensor

Specials
LED per outlet
Frequency filter
On-off toggle switch

Engraving
Company Logo
Your item code
A or B Feed mark

Mounting
Type of brackets
Custom made brackets

Circuit Breaker
Hydraulic Magnetic
MCB
Thermal fuse
Melt fuse

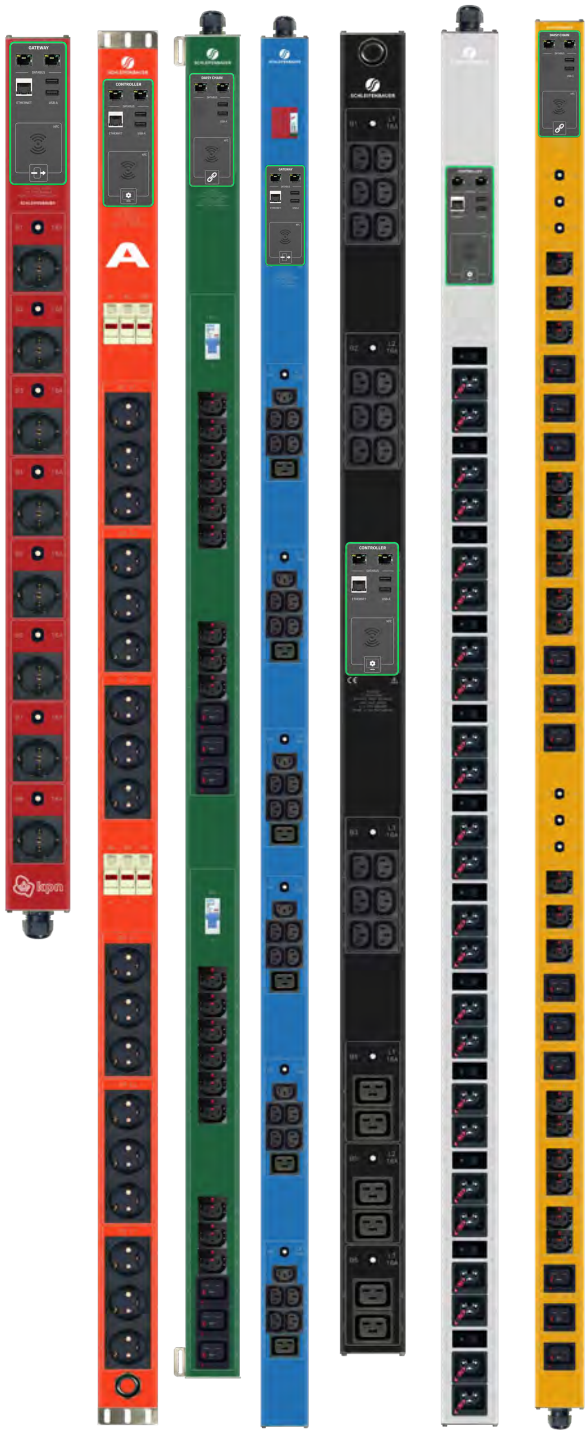
Outlets
Type & Amount
Alternating phase outlets

Schleifenbauer - Where Possibility Takes Shape

A power distribution unit is more than a technical component — it's the silent backbone of your infrastructure. At Schleifenbauer, we believe it should reflect the way *you* think, work and build. What you see here is not a product range — it's a canvas of possibilities.

Every line, every outlet, every angle is the result of a choice. **Your choice.**
Because true reliability isn't just built — it's designed, together.

This is the freedom to create
This is power, redefined
This is Schleifenbauer



SCHLEIFENBAUER PDU 5.0
Your PDU® *Request form*

Submit a tender text or use this form to specify your PDU request and send it to sales@schleifenbauer.eu

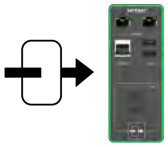
Infra

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 plug [ ] C20 plug [ ] 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:	

SALES TEAM

SCAN ME

Jos Janssen
Sales Director

SCAN ME

Stuart Edmonds
Sales Manager UK & Ireland

SCAN ME

Frédéric Sys
Sales Manager Benelux

SCAN ME

Amanda Wagenaar
Account Manager BeNeLux

SCAN ME

Anneke van Aken
Account Manager DACH

SCAN ME

Bastiaan de Haan
Inside Sales

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