NETIO

Remote Power Management

Products Catalog
Global

2026

NETIO

ABOUT NETIO

NETIO Products a.s., a Czech company, produces **remotely controlled networked power sockets (PDUs)** for various applications. These PDUs can function as **standalone devices or integrate** with **NETIO Cloud** to provide remote restart solutions. They also offer integration options with **third-party systems** and **local automation features**. The PDUs can connect to **LAN (WiFi)** for output **measurement and control**, and users can manage them via **LAN, Cloud, Mobile App, Scheduler, WatchDog, or AV drivers**.

WHO ARE OUR PRODUCTS FOR?

Our PDUs are **mainly for businesses (B2B)**. **System integrators** use our products in **various industrial projects**. You can find our products in demonstration booths, shops, showrooms, digital signage screens, hospitals, and many other **M2M and IoT applications**.

We offer **PDUs in various forms for different uses**, such as:

- **PowerPDUs** for **datacenter racks**
- **PowerDIN** versions for **smart building** and **electromobility** applications
- **PowerCables** for **compact solutions**
- **3-phase family** for **LED Wall Solution**

WHY CHOOSE NETIO?

Industrial Quality
Robust and fail-proof, resilient against temperature swings, low RMA rates.

Compatibility
Multiple control and integration options through 3rd party control drivers, Open API and industry protocols, remote cloud access and mobile app.

Longevity
Long product lifetime using Zero Current Switching & Zero Voltage Switching.

Simplicity
Easy to install, easy to use, easy to service, easy to maintain.

Cost-effective
Immediate ROI saves your investment.

Remote Control
Remote monitoring, scheduling and analysis help save energy. Secure Cloud and IP communication (SSL, HTTPs, …).

Power system resiliency
Reduced downtime of systems. Remote or automated restarting of frozen devices and flexible sequential powering up devices after downtime or power outages.

Product line versatility
Broad selection of products for any application, region, and installation type.

Predictive maintenance
Using precise power metering and threshold warnings.

Business support for your projects
Knowlegdable and fast technical support for any emergencey situations.

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History of NETIO

2008 – 2014
Koukaam company starts NETIO product line.

2016
New Beginnings
NETIO products a.s. is established.

2017
First Steps
The first product with LUA language, NETIO 4C, is launched.

2018
New Inventions
Zero Current/Voltage Switching is implemented to protect relays from damage, extending the product lifespan.

2019
Opening Up
Open API is incorporated into NETIO PDUs facilitating integration.

2020
Cloud 9
First version of the NETIO Cloud goes up, NETIO expands more into the AV market.

2021
Changes
Jan Rehak hands over the CEO role to Bretislav Bakala and steps back into his role as founder and consultant.

2022
First Time at ISE
With AV integrations ready, NETIO team makes a big step and for the first time they exhibit their work at ISE 2022.

2023
Meet the new team
AV Awards shortlisted
Resulting in many new colleagues joining bringing in fresh new energy and perspective. First time shortlisted for AV Awards 2023 as Manufacturer of the year.

2024
Hello America
After a successful appearance at InfoComm 2024, NETIO established a new branch, NETIO PRODUCTS US INC., dedicated to serving the North American market.

2025
LED Wall Solution
NETIO introduced its intelligent PDU solution for LED walls, showcased at Integrated Systems Europe (ISE) and later shortlisted for the AV Awards 2025 – Technology of the Year.

PRODUCT FAMILIES

PowerPDU family
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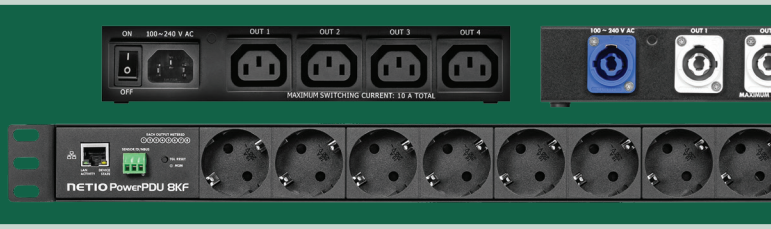

PowerBOX family
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PowerDIN family
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PowerCable family
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3-phase family
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PowerPDU 4KS

PowerPDU 4KS is a metered PDU with four IEC-320 C13 power outlets, LAN port and 1x DI (Digital Input). PowerPDU 4KS measures electrical parameters (A, kWh, TPF, W, V, Hz) on each power outlet individually. Each output is controllable via device web, NETIO Cloud service (not mandatory) or NETIO Mobile 2 App. Integrations are simple thanks to its Open API and ready to use AV drivers (Crestron, Extron, Savant, RTI, Utelogy, ELAN and more).

Power Metering & Switching

SPECIFICATIONS

- Mechanical mounting: 1/2 U in a 19“ rack
- Switching & metering each power output independently
- 4x power metering (A, W, kWh, TPF, V, Hz)
- Power input: IEC-320 C14 (100/240 V AC); max 10A
- Power output: 4x IEC-320 C13; max 10A per output
- 1x RJ45 Ethernet
- 1x DI – Digital Input (Dry contact, S0, Ext. sensor)
- ZCS (Zero Current Switching)

FEATURES

- PowerUp Sequence
- Week Scheduler function
- Ping + Power WatchDog
- Condition & Rules
- AV Drivers ready
- nBus / multiPDU support
- External temperature sensor (DI)
- Thermostat feature

CONTROL OPTIONS

- Web Interface (HTTPs)
- Open API
- NETIO Cloud
- NETIO Mobile 2
- 1x DI (Digital Input)

OPEN API

- Telnet
- SNMP v1/v3
- Modbus/TCP
- MQTT-flex
- URL API – HTTP(s) get
- JSON over HTTP(s)

  & more

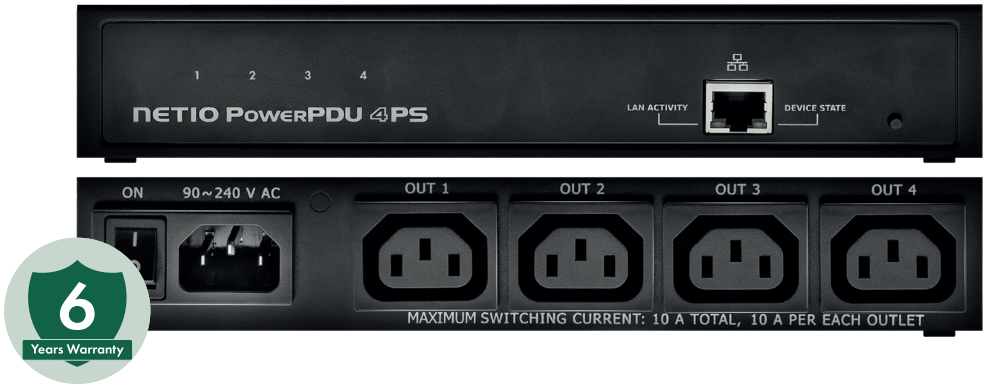
OPTIONS FOR POWER CABLES

- EU – Europlug
- CH – Swiss plug
- UK – United Kingdom plug
- US – US (NEMA) plug

PowerPDU 4PS

PowerPDU 4PS is a managed PDU (Power Distribution Unit) with four power outlets (4x IEC 320 C13). Each output can be switched on/off individually. NETIO PowerPDU 4PS can be mounted in rack cabinets – horizontally, vertically, or as a 1U device. Integration into third-party systems is possible by using various protocols (JSON over HTTP(s), Modbus/TCP, NMP, MQTT-flex, Telnet, …). With the NETIO Cloud service, the outputs can be controlled from anywhere. Drivers for AV systems are available (Crestron, Utelogy, ELAN and many more).

Power Switching



SPECIFICATIONS

- Mechanical mounting: 1/2 U in a 19“ rack
- Switching each power output independently
- Power input: IEC-320 C14 (100/240 V AC); max 10A
- Power output: 4x IEC-320 C13; max 10A per output
- 1x RJ45 Ethernet
- ZVS (Zero Voltage Switching)

FEATURES

- PowerUp Sequence
- PowerUp State / Delay
- Week Scheduler function
- Ping WatchDog
- Condition & Rules
- AV Drivers ready

CONTROL OPTIONS

- Web Interface (HTTPs)
- Open API
- NETIO Cloud
- NETIO Mobile 2

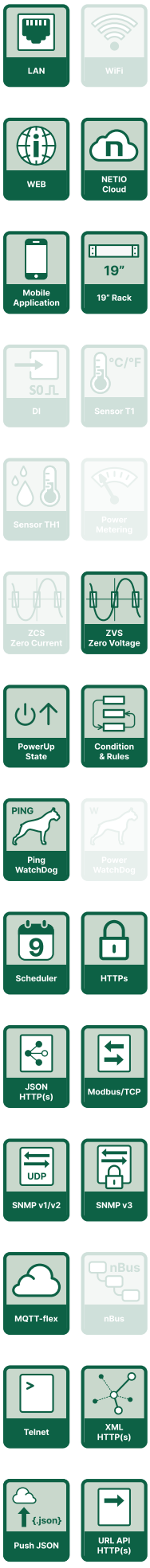
OPEN API

- Telnet
- SNMP v1/v3
- Modbus/TCP
- MQTT-flex
- URL API – HTTP(s) get
- JSON over HTTP(s)

  & more

OPTIONS FOR POWER CABLES

- EU – Europlug
- CH – Swiss plug
- UK – United Kingdom plug
- US – US (NEMA) plug



LAN · WiFi · WEB · NETIO Cloud · Mobile Application · 19" Rack · DI · Sensor T1 · Sensor TH1 · Power Metering · ZCS Zero Current · ZVS Zero Voltage · PowerUp State · Condition & Rules · Ping WatchDog · Power WatchDog · Scheduler · HTTPs · JSON HTTP(s) · Modbus/TCP · SNMP v1/v2 · SNMP v3 · MQTT-flex · nBus · Telnet · XML HTTP(s) · Push JSON · URL API HTTP(s)

PowerPDU 4PV

PowerPDU 4PV is a managed PDU (Power Distribution Unit) with four power outputs (4x powerCON). Each output can be switched on/off individually. NETIO PowerPDU 4PV can be mounted in rack cabinets – horizontally, vertically, or as a 1U device. Integration into third-party systems is possible by using various protocols (JSON over HTTP(s), Modbus/TCP, NMP, MQTT-flex, Telnet, …). With the NETIO Cloud service, the outputs can be controlled from anywhere. Drivers for AV systems are available (Crestron, Utelogy, ELAN and many more).

Power Switching

SPECIFICATIONS

- Mechanical mounting: 19“ (1U) rack mount
- Switching each power output independently
- Power input: powerCON A (blue) (100/240 V AC); max 16A
- Power output: 4x powerCON B (gray); max 16A per output
- 1x RJ45 Ethernet
- ZVS (Zero Voltage Switching)

FEATURES

- PowerUp Sequence
- Week Scheduler function
- Ping + Power WatchDog
- Condition & Rules
- AV Drivers ready

CONTROL OPTIONS

- Web Interface (HTTPs)
- Open API
- NETIO Cloud
- NETIO Mobile 2

OPEN API

- Telnet
- SNMP v1/v3
- Modbus/TCP
- MQTT-flex
- URL API - HTTP(s) get
- JSON over HTTP(s)

  & more

PowerPDU 8QV

PowerPDU 8QV is a PDU (Power Distribution Unit) with eight power outputs controlled and metered over LAN. Each output can be switched on/off individually. It fits into a 19" cabinet (1U). PowerPDU 8QS supports two channels for electrical measurements: the PDU as a whole (all outputs combined), and the first output separately (Output1). Its Digital Input (DI) can be used to control the outputs or count S0 pulses. With the NETIO Cloud service, the outputs can be controlled from anywhere. Drivers for AV systems are available (Crestron, Extron, Savant, RTI, Utelogy, ELAN and more).

Power Metering & Switching

SPECIFICATIONS

- Mechanical mounting: 19“ (1U) rack mount
- Switching each power output independently
- 2 power metering channels (Total + Output 1)
- Power input: powerCON A (blue) (100/240 V AC); max 16A
- Power output: 8x powerCON B (gray); max 16A per output
- 1x RJ45 Ethernet
- 1x DI – Digital Input (Dry contact, S0, Ext. sensor)
- ZVS (Zero Voltage Switching)

FEATURES

- PowerUp Sequence
- Week Scheduler function
- Ping + Power WatchDog
- Condition & Rules
- AV Drivers ready

- nBus / multiPDU support
- External temperature sensor (DI)
- Thermostat feature

CONTROL OPTIONS

- Web Interface (HTTPs)
- Open API
- NETIO Cloud
- NETIO Mobile 2
- 1x DI (Digital Input)

OPEN API

- Telnet
- SNMP v1/v3
- Modbus/TCP
- MQTT-flex
- URL API - HTTP(s) get
- JSON over HTTP(s)

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LAN · WiFi · WEB · NETIO Cloud · Mobile Application · 19" Rack · DI · Sensor T1 · Sensor TH1 · Power Metering · ZCS Zero Current · ZVS Zero Voltage · PowerUp State · Condition & Rules · Ping WatchDog · Power WatchDog · Scheduler · HTTPs · JSON HTTP(s) · Modbus/TCP · SNMP v1/v2 · SNMP v3 · MQTT-flex · nBus · Telnet · XML HTTP(s) · Push JSON · URL API HTTP(s)

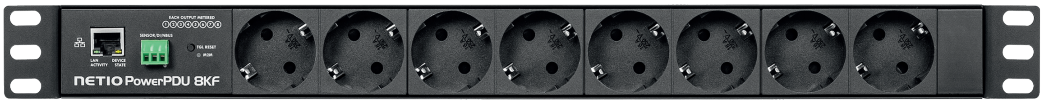
LAN · WiFi · WEB · NETIO Cloud · Mobile Application · 19" · 19" Rack · SO · DI · °C/°F · Sensor T1 · Sensor TH1 · Power Metering · ZCS Zero Current · ZVS Zero Voltage · PowerUp State · Condition & Rules · PING · Ping WatchDog · W · Power WatchDog · 9 · Scheduler · HTTPs · JSON HTTP(s) · Modbus/TCP · UDP · SNMP v1/v2 · SNMP v3 · MQTT-flex · nBus · nBus · Telnet · XML HTTP(s) · {.json} · Push JSON · URL API HTTP(s)

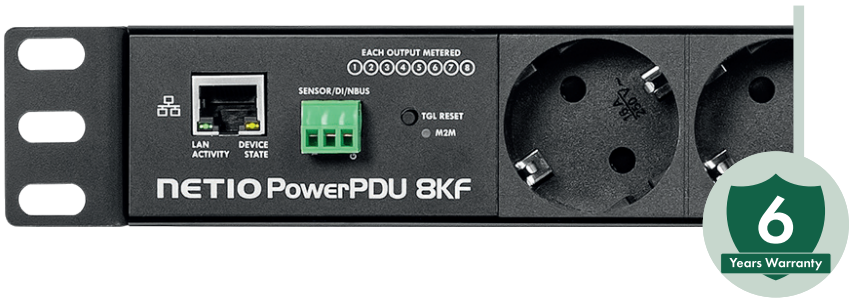
PowerPDU 8KF

PowerPDU 8KF is a PDU (Power Distribution Unit) with eight power outputs controlled and metered over LAN. Each output can be switched on/off and metered individually. It fits into a 19" cabinet (1U). Its Digital Input (DI) can be used to control the outputs or count S0 pulses. With the NETIO Cloud service, the outputs can be controlled from anywhere.

Drivers for AV systems are available (Crestron, Extron, Savant, RTI, Utelogy, ELAN and more).

Power Metering & Switching





SPECIFICATIONS

- Mechanical mounting: 19" (1U) rack mount
- Switching & metering each power output independently
- 8 power metering channels (A, W, kWh, TPF, V, Hz)
- Power input:
  - Fixed cable 1.8m
  - Plug: Type F/E (240V / 16A)
- Power output: 8x Type F (Schuko); max 16A per output
- 1x RJ45 Ethernet
- 1x DI – Digital Input (Dry contact, S0, Ext. sensor)
- ZCS (Zero Current Switching)

FEATURES

- PowerUp Sequence
- Week Scheduler function
- Ping + Power WatchDog
- Condition & Rules
- AV Drivers ready

- nBus / multiPDU support
- External temperature sensor (DI)
- Thermostat feature

CONTROL OPTIONS

- Web Interface (HTTPs)
- Open API
- NETIO Cloud
- NETIO Mobile 2
- 1x DI (Digital Input)

OPEN API

- Telnet
- SNMP v1/v3
- Modbus/TPC
- MQTT-flex
- URL API – HTTP(s) get
- JSON over HTTP(s)

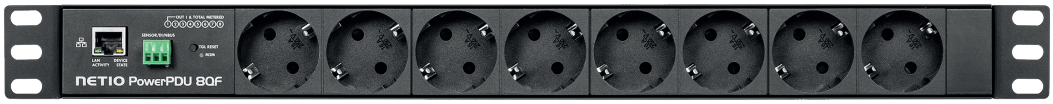
  & more

PowerPDU 8QF

PowerPDU 8QF is a PDU (Power Distribution Unit) with eight power outputs controlled and metered over LAN. Each output can be switched on/off individually. It fits into a 19" cabinet (1U). PowerPDU 8QF supports two channels for electrical measurements: the PDU as a whole (all outputs combined), and the first output separately (Output1).

Its Digital Input (DI) can be used to control the outputs or count S0 pulses. With the NETIO Cloud service, the outputs can be controlled from anywhere. Drivers for AV systems are available (Crestron, Extron, Savant, RTI, Utelogy, ELAN and more).

Power Metering & Switching



SPECIFICATIONS

- Mechanical mounting: 19" (1U) rack mount
- Switching each power output independently
- 2 power metering channels (Total + Output 1)
- Power input:
  - Fixed cable 1.8m
  - Plug: Type F/E (240V / 16A)
- Power output: 8x Type F (Schuko); max 10A per output
- 1x RJ45 Ethernet
- 1x DI – Digital Input (Dry contact, S0, Ext. sensor)
- ZVS (Zero Voltage Switching)

FEATURES

- PowerUp Sequence
- Week Scheduler function
- Ping + Power WatchDog
- Condition & Rules
- AV Drivers ready

- nBus / multiPDU support
- External temperature sensor (DI)
- Thermostat feature

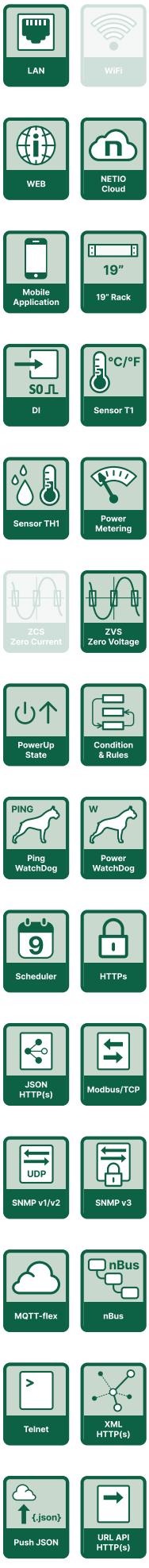
CONTROL OPTIONS

- Web Interface (HTTPs)
- Open API
- NETIO Cloud
- NETIO Mobile 2
- 1x DI (Digital Input)

OPEN API

- Telnet
- SNMP v1/v3
- Modbus/TCP
- MQTT-flex
- URL API - HTTP(s) get
- JSON over HTTP(s)

  & more



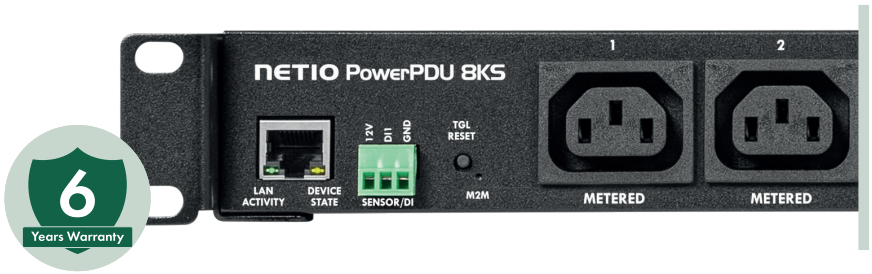
LAN · WiFi · WEB · NETIO Cloud · Mobile Application · 19" · 19" Rack · SO · °C/°F · DI · Sensor T1 · Sensor TH1 · Power Metering · ZCS Zero Current · ZVS Zero Voltage · PowerUp State · Condition & Rules · PING · Ping WatchDog · W · Power WatchDog · 9 · Scheduler · HTTPs · JSON HTTP(s) · Modbus/TCP · UDP · SNMP v1/v2 · SNMP v3 · MQTT-flex · nBus · nBus · Telnet · XML HTTP(s) · {.json} · Push JSON · URL API HTTP(s)

PowerPDU 8KS

PowerPDU 8KS is a PDU (Power Distribution Unit) with eight power outputs controlled and metered over LAN. Each output can be switched on/off and metered individually. It fits into a 19" cabinet (1U).

Its Digital Input (DI) can be used to control the outputs or count S0 pulses. With the NETIO Cloud service, the outputs can be controlled from anywhere. Drivers for AV systems are available (Crestron, Extron, Savant, RTI, Utelogy, ELAN and more).

Power Metering & Switching



SPECIFICATIONS

- Mechanical mounting: 19" (1U) rack mount
- Switching & metering each power output independently
- 8 power metering channels (A, W, kWh, TPF, V, Hz)
- Power input: IEC-320 C20 (100/240 V AC); max 16A
- Power output: 8x IEC-320 C13; max 16A per output
- 1x RJ45 Ethernet
- 1x DI – Digital Input (Dry contact, S0, Ext. sensor)
- ZCS (Zero Current Switching)

FEATURES

- PowerUp Sequence
- Week Scheduler function
- Ping + Power WatchDog
- Condition & Rules
- AV Drivers ready
- nBus / multiPDU support
- External temperature sensor (DI)
- Thermostat feature

CONTROL OPTIONS

- Web Interface (HTTPs)
- Open API
- NETIO Cloud
- NETIO Mobile 2
- 1x DI (Digital Input)

OPEN API

- Telnet
- SNMP v1/v3
- Modbus/TCP
- MQTT-flex
- URL API – HTTP(s) get
- JSON over HTTP(s)

& more

OPTIONS FOR POWER CABLES

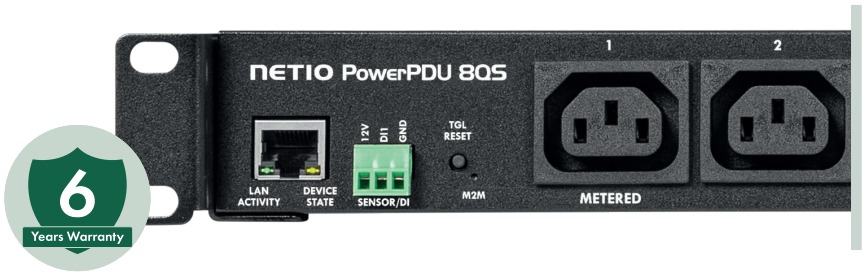
- EU – Europlug
- CH – Swiss plug
- UK – United Kingdom plug
- US – US (NEMA) plug

PowerPDU 8QS

PowerPDU 8QS is a PDU (Power Distribution Unit) with eight power outputs controlled and metered over LAN. Each output can be switched on/off individually. It fits into a 19" cabinet (1U). PowerPDU 8QS supports two channels for electrical measurements: the PDU as a whole (all outputs combined), and the first output separately (Output1).

Its Digital Input (DI) can be used to control the outputs or count S0 pulses. With the NETIO Cloud service, the outputs can be controlled from anywhere. Drivers for AV systems are available (Crestron, Extron, Savant, RTI, Utelogy, ELAN and more).

Power Metering & Switching



SPECIFICATIONS

- Mechanical mounting: 19" (1U) rack mount
- Switching each power output independently
- 2 power metering channels (Total + Output 1)
- Power input: IEC-320 C20 (100/240 V AC)
- Power output: 8x IEC-320 C13; max 10A per output
- 1x RJ45 Ethernet
- 1x DI – Digital Input (Dry contact, S0, Ext. sensor)
- ZVS (Zero Voltage Switching)

FEATURES

- PowerUp Sequence
- Week Scheduler function
- Ping + Power WatchDog
- Condition & Rules
- AV Drivers ready

- nBus / multiPDU support
- External temperature sensor (DI)
- Thermostat feature

CONTROL OPTIONS

- Web Interface (HTTPs)
- Open API
- NETIO Cloud
- NETIO Mobile 2
- 1x DI (Digital Input)

OPEN API

- Telnet
- SNMP v1/v3
- Modbus/TCP
- MQTT-flex
- URL API – HTTP(s) get
- JSON over HTTP(s)

  & more

OPTIONS FOR POWER CABLES

- EU – Europlug
- CH – Swiss plug
- UK – United Kingdom plug
- US – US (NEMA) plug

PowerBOX 4Kx

NETIO PowerBOX 4Kx is a LAN-enabled smart power strip with 4 outputs. Each output socket can be switched on or off individually over the web interface. Integration with 3rd party systems using various protocols (JSON over HTTP(s), Modbus/TCP, SNMP, MQTT-flex, Telnet, …) is possible. With the secure NETIO Cloud service, the outputs can be controlled from anywhere. Drivers for AV systems are available (Crestron, Extron, Savant, RTI, Utelogy, ELAN and more).

Power Metering & Switching

SPECIFICATIONS

- Switching & metering each power output independently
- 4x power metering (A, W, kWh, TPF, V, Hz)
- Power input:
  - Fixed cable 1.6m
  - Plug: Type F/E (16A) / Type G (13A)
- Power output: 4x max 16A per output (13A for 4PG)
- 1x RJ45 Ethernet
- ZCS (Zero Current Switching)

FEATURES

- PowerUp Sequence
- PowerUp State / Delay
- Week Scheduler function
- Ping + Power WatchDog
- Condition & Rules
- AV Drivers ready

CONTROL OPTIONS

- Web Interface (HTTPs)
- Open API
- NETIO Cloud
- NETIO Mobile 2

OPEN API

- Telnet
- SNMP v1/v3
- Modbus/TCP
- MQTT-flex
- URL API - HTTP(s) get
- JSON over HTTP(s) & more

PowerBOX 4Kx with WiFi

PowerBOX 4Kx **with WiFi** is available. It comes in all three Types of sockets (G, F, E).

PowerBOX 3Px

NETIO PowerBOX 3Px is a professional electrical socket device with 3 outputs and LAN connectivity. Each output socket can be separately switched on or off over the web interface. Integration into 3rd party systems using various protocols (JSON over HTTP(s), Modbus/TCP, SNMP, MQTT-flex, Telnet, …). With the NETIO Cloud service, the outputs can be controlled from anywhere. Drivers for AV systems are available (Crestron, Extron, Savant, RTI, Utelogy, ELAN and many more).

Power Switching

SPECIFICATIONS

- Switching each power output independently
- Power input:
  - Fixed cable 1.6m
  - Plug: Type F/E (16A) / Type G (13A)
- Power output: 3x max 16A per output (13A for 3PG)
- 1x RJ45 Ethernet
- ZVS (Zero Voltage Switching)

FEATURES

- PowerUp Sequence
- PowerUp State / Delay
- Week Scheduler function
- Ping WatchDog
- Condition & Rules
- AV Drivers ready

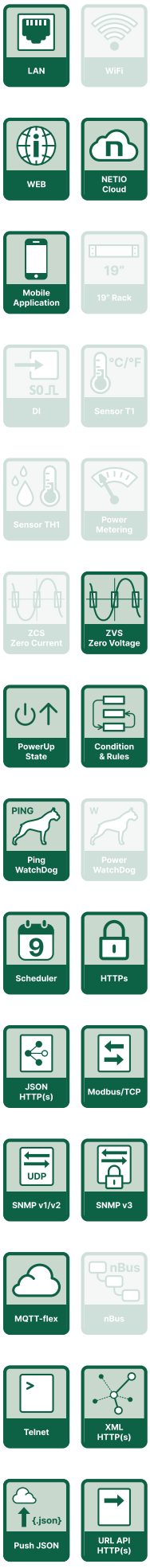
CONTROL OPTIONS

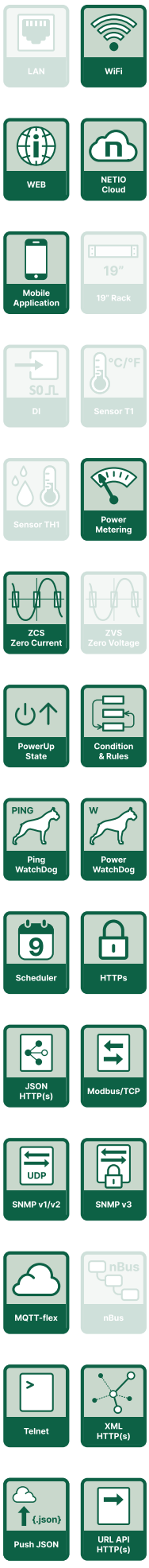
- Web Interface (HTTPs)
- Open API
- NETIO Cloud
- NETIO Mobile 2

OPEN API

- Telnet
- SNMP v1/v3
- Modbus/TCP
- MQTT-flex
- URL API - HTTP(s) get
- JSON over HTTP(s)

  & more





PowerCable 1Kx

NETIO PowerCable 1Kx is a smart WiFi power socket for integration with 3rd party systems. PowerCable measures electrical parameters (A, W, kWh, TPF, V, Hz) and switches its output on/off using one of the 10 Open API protocols, the web interface, NETIO Cloud, or the mobile app. Drivers for AV systems are available (Crestron, Extron, Savant, RTI, Utelogy, ELAN and more).

Power Metering & Switching

SPECIFICATIONS

- Switching & metering the power output
- 1x power metering (A, W, kWh, TPF, V, Hz)
- Power input: Depending on the model
- Power output: 110/230V 10-16A (by model 101x)
- **WiFi Connection only**
- ZCS (Zero Current Switching)

FEATURES

- PowerUp Sequence
- PowerUp State / Delay
- Week Scheduler function
- Ping + Power WatchDog
- Condition & Rules
- AV Drivers ready

CONTROL OPTIONS

- Web Interface (HTTPs)
- Open API
- NETIO Cloud
- NETIO Mobile 2

OPEN API

- Telnet
- SNMP v1/v3
- Modbus/TCP
- MQTT-flex
- URL API - HTTP(s) get
- JSON over HTTP(s)

  & more

Available Models

PowerCable 1KF

max. current & voltage per socket
230V/16A

PowerCable 1KE

max. current & voltage per socket
230V/16A

PowerCable 1KJ

max. current & voltage per socket
230V/10A

PowerCable 1KS

max. current & voltage per socket
110V/230V/10A

PowerCable 1KY

max. current & voltage per socket
230V/10A

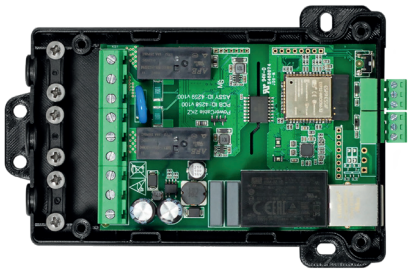
PowerCable 1KG

max. current & voltage per socket
230V/13A

PowerCable 2KZ

NETIO PowerCable 2KZ is LAN & WiFi based flat PDU with 2 power outputs & 2x DI (Digital Input) for external devices. Device measures electrical parameters (A, W, kWh, TPF, V, Hz) and switches individually both outputs ON/OFF/restart. 2x DI (Digital Input) with S0 pulse counter (32 bit) can be used to connect external devices or energy meters. Integration with 3rd party systems (Open API + AV drivers) is possible. With the NETIO Cloud service, the outputs can be controlled from anywhere.

Power Metering & Switching



6 Years Warranty

SPECIFICATIONS

- Switching & metering both power outputs independently
- 2x power metering (A, W, kWh, TPF, V, Hz)
- Power input: 110-230V / 16A
- Power output: 2x Power switching + metering
- 1x RJ45 Ethernet + WiFi
- 2x DI - Digital Input (Dry contact, S0, Ext. sensor)
- ZCS (Zero Current Switching)

FEATURES

- PowerUp Sequence
- Week Scheduler function
- Ping + Power WatchDog
- Condition & Rules
- AV Drivers ready
- nBus / multiPDU suport
- External temperature sensor (DI)
- Thermostat feature

CONTROL OPTIONS

- Web Interface (HTTPs)
- Open API
- NETIO Cloud
- NETIO Mobile 2
- 2x DI (Digital Input)

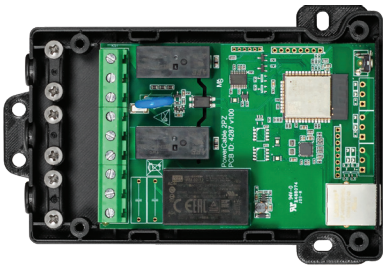
OPEN API

- Telnet
- SNMP v1/v3
- Modbus/TCP
- MQTT-flex
- URL API - HTTP(s) get
- JSON over HTTP(s)
- & more

PowerCable 2PZ

NETIO PowerCable 2PZ is cost effective version of the flat PDU. LAN & WiFi based PDU with 2 switched power outputs. Device switches both outputs individually ON/OFF/restart. Integration with 3rd party systems (Open API + AV drivers) is possible. With the NETIO Cloud service, the outputs can be controlled from anywhere.

Power Switching



SPECIFICATIONS

- Switching each power output independently
- Power input: 110-230V / 16A
- Power output: 2x Power switching
- 1x RJ45 Ethernet + WiFi
- ZVS (Zero Voltage Switching)

FEATURES

- PowerUp Sequence
- PowerUp State / Delay
- Week Scheduler function
- Ping WatchDog
- Condition & Rules
- AV Drivers ready

CONTROL OPTIONS

- Web Interface (HTTPs)
- Open API
- NETIO Cloud
- NETIO Mobile 2

OPEN API

- Telnet
- SNMP v1/v3
- Modbus/TCP
- MQTT-flex
- URL API - HTTP(s) get
- JSON over HTTP(s)
- & more

LAN · WiFi · WEB · NETIO Cloud · Mobile Application · 19" Rack · DI · Sensor T1 · Sensor TH1 · Power Metering · ZCS Zero Current · ZVS Zero Voltage · PowerUp State · Condition & Rules · Ping WatchDog · Power WatchDog · Scheduler · HTTPs · JSON HTTP(s) · Modbus/TCP · SNMP v1/v2 · SNMP v3 · MQTT-flex · nBus · Telnet · XML HTTP(s) · Push JSON · URL API HTTP(s)

PowerCable Variations

The following section presents the cable versions of our PowerCable 2Kx series (with metered outputs) and PowerCable 2Px series (without metered outputs), including all relevant technical specifications and details associated with these products.

PowerCable 2Kx
(with metered outputs)

PowerCable 2Px
(without metered outputs)

NEW

Z: Terminal block

PowerCable 2KZ & 2PZ

no powercable included

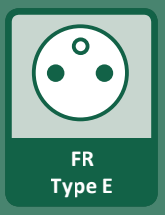
max. current & voltage per socket: 230V/16A

DE (schuko) Type F

PowerCable 2KF & 2PF

30 cm power cables included:
1x input, 2x outputs (1x EU plug / 2x Type F "Schuko")

max. current & voltage per socket: 230V/16A



FR Type E

PowerCable 2KE & 2PE

30 cm power cables included:
1x input, 2x outputs (1x EU plug / 2x Type E – France, Poland, CZ and SK)

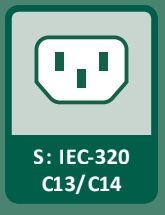
max. current & voltage per socket: 230V/16A

UK Type G

PowerCable 2KG & 2PG

30 cm power cables included:
1x input, 2x outputs. (1x Type G plug / 2x Type G – UK + IE)

max. current & voltage per socket: 230V/13A



S: IEC-320 C13/C14

PowerCable 2KS & 2PS

30 cm power cables included:
1x input, 2x outputs (1x IEC-320 C14 plug / 2x Type S – IEC-320 C13)

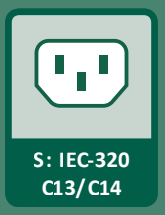
max. current & voltage per socket: 110V/230V/10A

CH Type J

PowerCable 2KJ & 2PJ

30 cm power cables included:
1x input, 2x outputs (1x Type J plug / 2x Type J – Switzerland)

max. current & voltage per socket: 230V/10A

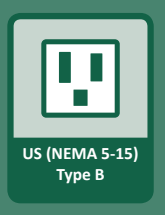


S: IEC-320 C13/C14

PowerCable 2KY & 2PY

30 cm power cables included:
1x input, 2x outputs (1x EU plug / 2x Type S - IEC-320 C13)

max. current & voltage per socket: 230V/10A



US (NEMA 5-15) Type B

PowerCable 2KB & 2PB

30 cm power cords included:
1x input, 2x outputs (1x US plug / 2x US socket)

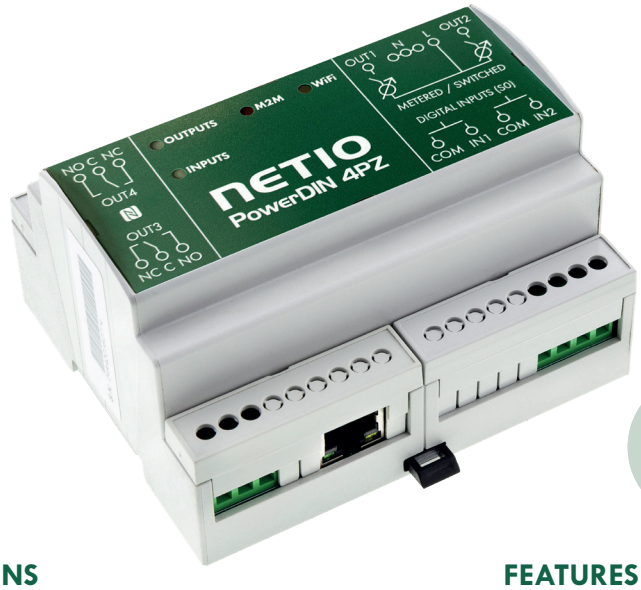
max. current & voltage per socket: 100/125V; max. 15A per output (UL rated 12A)

PowerDIN 4PZ

PowerDIN 4PZ is a dual 230V/16A electricity meter with LAN/WiFi and I/O, designed to fit on a DIN rail. Each of the 4 outputs can be switched on or off independently using the Web interface, Open API or NETIO Cloud. Power Outputs 1 & 2 are metered (A, W, kWh, TPF, V, Hz). Energy (Wh) is metered in both directions (consumed/supplied energy). States of 2x DI (Digital Input) with S0 pulse counter (32 bit) can be also read remotely.

Integration with 3rd party systems using Open API is possible. With the secure NETIO Cloud service, the outputs can be controlled from anywhere.

Power Metering & Switching



SPECIFICATIONS

- 1 phase (power input 230V / max 16A)
- Switching each power output independently
- 2x Power metering (Output 1 & 2)
- 1x RJ45 Ethernet
- ZCS (Zero Current Switching) on Power Output 1 & 2
- 2x DI - Digital Input (Dry contact, S0, Ext. sensor)

FEATURES

- PowerUp Sequence
- Week Scheduler function
- Ping + Power WatchDog
- Condition & Rules
- AV Drivers ready
- nBus / multiPDU support
- External temperature sensor (DI)
- Thermostat feature

- Power Outputs 1 & 2 – independently-metered and switched channels (230V/max 16A AC)
- Relay Outputs 3 & 4 – relay outputs NO/NC (max 230VAC/2A or 48VDC/2A)

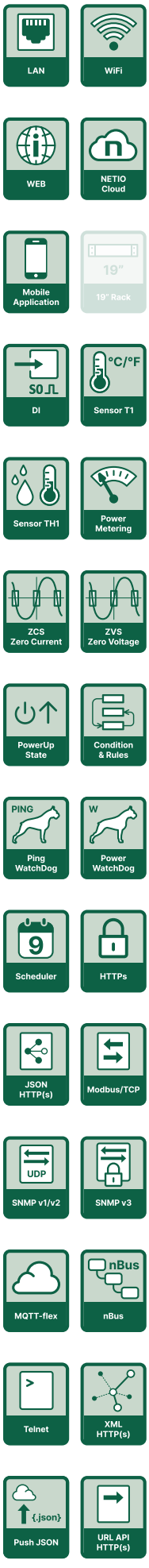
CONTROL OPTIONS

- Web Interface (HTTPs)
- Open API
- NETIO Cloud
- NETIO Mobile 2
- 2x DI (Digital Input)

OPEN API

- Telnet
- SNMP v1/v3
- Modbus/TCP
- MQTT-flex
- URL API – HTTP(s) get
- JSON over HTTP(s)

  & more



LAN WiFi WEB NETIO Cloud Mobile Application 19" 19" Rack DI °C/°F Sensor T1 Sensor TH1 Power Metering ZCS Zero Current ZVS Zero Voltage PowerUp State Condition & Rules Ping WatchDog Power WatchDog Scheduler HTTPs JSON HTTP(s) Modbus/TCP UDP SNMP v1/v2 SNMP v3 MQTT-flex nBus Telnet XML HTTP(s) {.json} Push JSON URL API HTTP(s)

PowerDIN ZK3

PowerDIN ZK3 is a 3 independent phase electricity switch/meter with LAN/WiFi in DIN rail housing. It can be used as 3x16A device or all inputs can be powered from one phase. Each of the 3 outputs can be switched on or off independently using the Web interface, Open API or NETIO Cloud.

DI1 and DI2 terminal block SENSOR/DI can be used to connect external temperature sensor, mechanical switch (dry contact) or count S0 pulses. Several NETIO devices can be also daisy-chained to one multiPDU using the nBus port.

Integration with 3rd party systems using Open API is possible. With the secure NETIO Cloud service, the outputs can be controlled from anywhere.

3-phases Power Metering & Switching

SPECIFICATIONS

- 3 individual phases; max 16A per phase
- Can be used for 3-phase system or 3x 1phase
- 3x power output switching (ZCS)
- 3x power metering (A, W, kWh, TPF, V, Hz)
- 1x RJ45 Ethernet

- 2x DI port for Dry contact / sensors (1x nBus)

FEATURES

- PowerUp Sequence
- Week Scheduler function
- Ping + Power WatchDog
- Condition & Rules
- AV Drivers ready

- nBus / multiPDU support
- External temperature sensor (DI)
- Thermostat feature

CONTROL OPTIONS

- Web Interface (HTTPs)
- Open API
- NETIO Cloud
- NETIO Mobile 2
- 2x DI (Digital Input)

OPEN API

- Telnet
- SNMP v1/v3
- Modbus/TCP
- MQTT-flex
- URL API - HTTP(s) get
- JSON over HTTP(s)

  & more

PowerDIN ZP3

PowerDIN ZP3 is a 3 independent phase electricity switch with LAN/WiFi in DIN rail housing. It can be used as 3x16A device or all inputs can be powered from one phase. Each of the 3 outputs can be switched on or off independently using the Web interface, Open API or NETIO Cloud.

DI1 and DI2 terminal block SENSOR/DI can be used to connect external temperature sensor, mechanical switch (dry contact) or count S0 pulses. Several NETIO devices can be also daisy-chained to one multiPDU using the nBus port.

Integration with 3rd party systems using Open API is possible. With the secure NETIO Cloud service, the outputs can be controlled from anywhere.

3-phases Power Switching

SPECIFICATIONS

- 3 individual phases; max 16A per phase
- Can be used for 3phase system or 3x 1phase
- 3x power output switching (ZVS)
- 1x RJ45 Ethernet
- 2x DI port for Dry contact / sensors (1x nBus)

FEATURES

- PowerUp Sequence
- Week Scheduler function
- Ping WatchDog
- Condition & Rules
- AV Drivers ready
- nBus / multiPDU support
- External temperature sensor (DI)
- Thermostat feature

CONTROL OPTIONS

- Web Interface (HTTPs)
- Open API
- NETIO Cloud
- NETIO Mobile 2
- 2x DI (Digital Input)

OPEN API

- Telnet
- SNMP v1/v3
- Modbus/TCP
- MQTT-flex
- URL API - HTTP(s) get
- JSON over HTTP(s)

  & more

LAN · WiFi · WEB · NETIO Cloud · Mobile Application · 19" Rack · DI · Sensor T1 · Sensor TH1 · Power Metering · ZCS Zero Current · ZVS Zero Voltage · PowerUp State · Condition & Rules · Ping WatchDog · Power WatchDog · Scheduler · HTTPs · JSON HTTP(s) · Modbus/TCP · SNMP v1/v2 · SNMP v3 · MQTT-flex · nBus · Telnet · XML HTTP(s) · Push JSON · URL API HTTP(s)

PowerPDU FK6

NETIO PowerPDU FK6 is a 3-phase PDU with 3x16A 400V power input (5-pin CEE plug) with 6 independent 16A Type F (Schuko) power sockets. It's LAN-enabled smart PDU with 6 individual outputs (2 outputs per each phase).

Each output socket can be switched On/Off individually over the web interface. Integration with 3rd party systems using Open API is possible. With the secure NETIO Cloud service, the outputs can be controlled from anywhere. Green terminal block SENSOR/DI can be used to connect external temperature sensor, mechanical switch (dry contact) or count S0 pulses.

3-phases Power Metering & Switching

SPECIFICATIONS

- Power input: 3x16A 400V (CEE 5-pole 3x16A 400V)
- Power outputs: 6x output in total (Type F – Schuko)
- Each phase on 2 sockets
- 6x Power output switching (ZCS)
- 6x power metering (A, W, kWh, TPF, V, Hz)
- RCM (Residual Current Monitor)
- 1x RJ45 Ethernet
- 2x DI port for Dry contact/sensors (1x nBus)

FEATURES

- PowerUp Sequence
- Week Scheduler function
- Ping + Power WatchDog
- Condition & Rules
- AV Drivers ready

- nBus / multiPDU support
- External temperature sensor (DI)
- Thermostat feature

CONTROL OPTIONS

- Web Interface (HTTPs)
- Open API
- NETIO Cloud
- NETIO Mobile 2
- 2x DI (Digital Input)

OPEN API

- Telnet
- SNMP v1/v3
- Modbus/TCP
- MQTT
- URL API - HTTP(s) get
- JSON over HTTP(s)

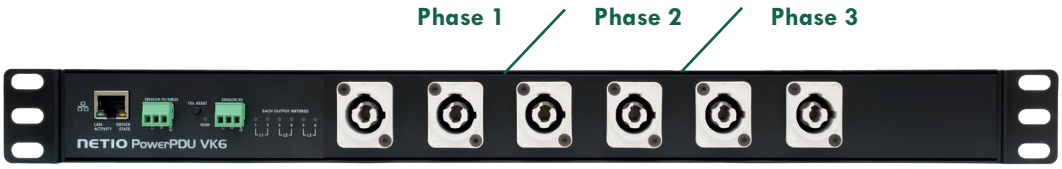
  & more

PowerPDU VK6

NETIO PowerPDU VK6 is a 3-phase PDU with 3x16A 400V power input (5-pin CEE plug) with 6 independent fully metered 16A PowerCON sockets. It's LAN-based smart PDU with 6 individual outputs (2 outputs per each phase). Every output delivers individual metering capability, including smart switch On/Off function.

NETIO PowerPDU VK6 includes the complete NETIO Toolbox of features and functions, shared across all NETIO product family. Device additionally offers two terminal blocks SENSOR/DI/ nBus used for external NETIO Sensors connection, mechanical switch (dry contact) connection or daisy chaining of additional NETIO devices with nBus.

3-phases Power Metering & Switching



SPECIFICATIONS

- Power input: 3x16A 400V (CEE 5-pole 3x16A 400V)
- Power outputs: 6x output in total (PowerConn) / 16A pear 2 sockets
- Each phase on 2 sockets
- 6x Power output switching (ZCS)
- 6x power metering (A, W, kWh, TPF, V, Hz)
- 1x RJ45 Ethernet
- 2x DI port for Digital Input/Sensor/nBus

FEATURES

- PowerUp Sequence
- Week Scheduler function
- Ping + Power WatchDog
- Condition & Rules
- AV Drivers ready

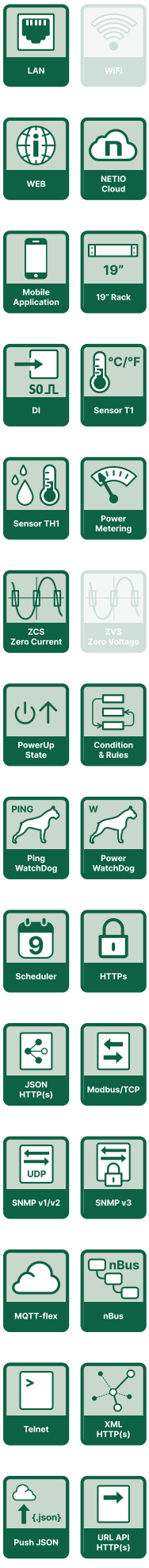
- nBus / multiPDU support
- External temperature sensor (DI)
- Thermostat feature

CONTROL OPTIONS

- Web Interface (HTTPs)
- Open API
- NETIO Cloud
- NETIO Mobile 2
- 2x DI (Digital Input)

OPEN API

- JSON over HTTP(s)
- Telnet
- SNMP v1/v3
- Modbus/TCP
- MQTT
- URL API - HTTP(s) get & more



PowerLDU 416

The NETIO PowerLDU 416 is the newest member of the NETIO product family, designed for larger installations that demand stable and high-capacity power distribution. It serves as an ideal upstream power source for products such as the NETIO PowerPDU FK6 or NETIO PowerPDU VK6, delivering the performance and reliability required in professional IT and AV installations.

Built for demanding applications, the PowerLDU 416 ensures safe, robust, and reliable distribution from a 400V/63A input to four individually protected 400V/16A outputs. Each output is secured by a 16 A/4-pole RCBO (30 mA) to guarantee maximum electrical safety and compliance with professional installation standards.

SPECIFICATIONS

- **Input:** CEE 5-pole 400V/63 A
- **Outputs:** 4x CEE 5-pole 400V/16A
- **Protection:** RCBO 16 A / 4P – 30mA

PowerLDU 216

The NETIO PowerLDU 216 expands the NETIO portfolio with a load distribution unit designed for medium-scale installations and multi-device setups. It provides a dependable power backbone for systems built around NETIO PowerPDU FK6 and NETIO PowerPDU VK6.

PowerLDU 216 supply 400V/63A on the input into two separate 400V/16A outputs, each safeguarded by RCBO 16A/4-Pole (30 mA). This guarantees high electrical protection, prevents overload risks, and supports continuous operation in IT and AV infrastructures.

SPECIFICATIONS

- **Input:** CEE 5-pole 400V/63 A
- **Outputs:** 2x CEE 5-pole 400V/16A
- **Protection:** RCBO 16 A / 4P – 30mA

NETIO PDUs: BUILT TO LAST

NETIO products are engineered for exceptional durability, far surpassing the typical lifespan of consumer-grade electronics. This commitment to longevity begins with the selection of robust, industrial-grade components designed to withstand demanding environments and resist wear and tear.

NETIO engineers employ advanced design techniques to ensure **long-term reliability**, including features like **Zero Current Switching**. This technology minimizes stress on relay contacts, the components most susceptible to failure in traditional power distribution units. By precisely timing the switching action to occur when the current crosses zero, NETIO **significantly reduces arcing and erosion**, dramatically **extending the life** of the relays and minimizing the need for replacements.

This focus on durability translates to a **lower environmental impact** in several ways. Firstly, it **reduces electronic waste**. Products that last longer mean fewer units end up in landfills, lessening the strain on our planet's resources. Secondly, it minimizes the need for frequent replacements, which in turn reduces manufacturing, packaging, and shipping – all of which contribute to carbon emissions. NETIO's dedication to building enduring products aligns perfectly with their commitment to sustainability, demonstrating that high performance and environmental responsibility can go hand-in-hand.

Because NETIO is so confident in the long-term reliability of their products, they offer an industry-leading 6-year warranty.

This **extended warranty** period provides peace of mind to customers, assuring them that their investment is protected. It also reflects NETIO's dedication to standing behind their products and their commitment to customer satisfaction.

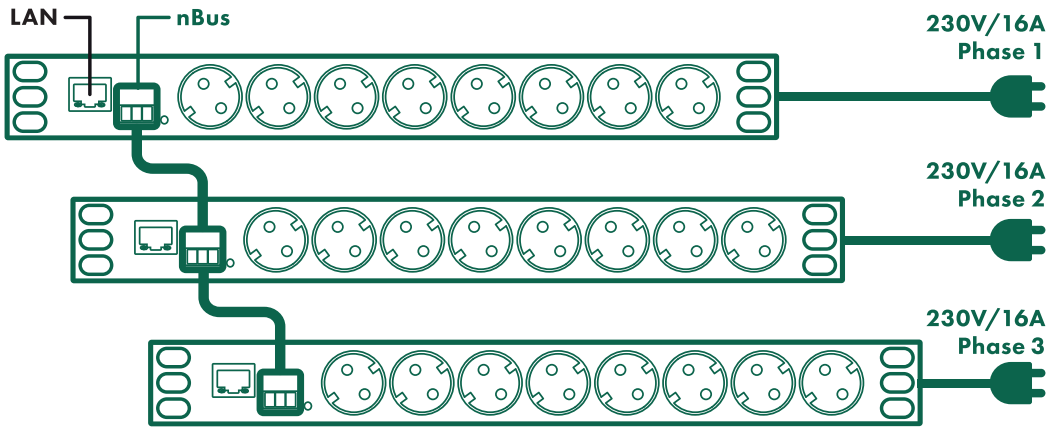
By offering such a comprehensive warranty, NETIO demonstrates their belief in the quality and durability of their power distribution units, encouraging customers to **choose reliable, long-lasting solutions that minimize environmental impact**.

nBus / MultiPDU

nBus is NETIO's built-in communication system extension allowing devices talk to each other directly, without needing the cloud or a separate controller. It supports NETIO device "daisy chaining" of multiple PDUs devices to form one big MultiPDU.

Solutions For

- Large-scale AV installations
- Large racks
- Vertical PDU integration
- Data centers



Key Features

Device-to-Device Communication with 32 outputs is MultiPDU:

- NETIO devices connected via nBus can exchange commands and status information with one another. Only a single IP address and one RJ45 Ethernet cable are required for installation. The LAN connection is provided solely to the primary device, while all other devices operate as secondary devices, receiving information from the primary.
- **MultiPDU** can operate up to a total of **32 outputs**.
- **MultiPDU** can be built from **different device families**.
- Users will view all outputs in **1 web interface**.

TOTAL 32 OUTPUTS

Integration with NETIO Features and NETIO Toolbox:

- nBus supports the set of unique features known as **NETIO Toolbox.**
- User is able to configure Condition & Rules, WatchDogs, Schedulers and energy monitoring in every output.
- nBus supports independent outputs control ON/OFF/RESTART.

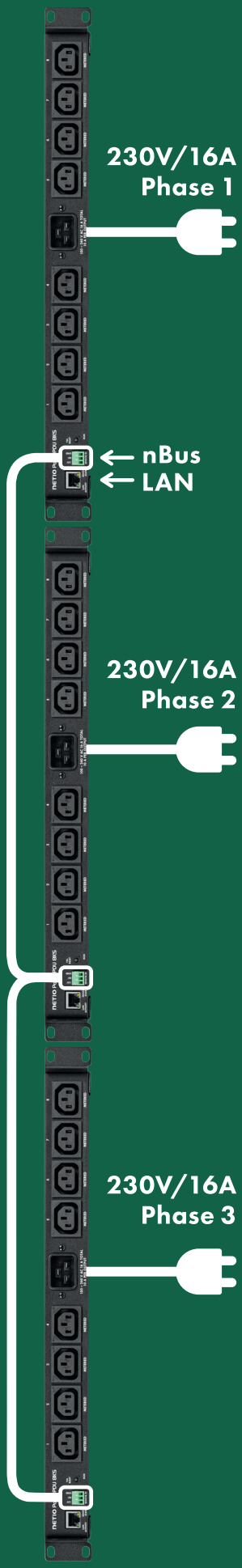
Grouping and Sequencing:

- One of the main features of nBus is balancing the PowerSequence within the system by using independent output delays to reduce peak inrush current.
- Users can setup several Groups of outputs from different devices and customize PowerUp delay.

NETIO Cloud and 3rd party system integration:

- **MultiPDU** supports **all Open API**.

nBus various products (two wires)



Solution Highlights

- Max 32 outputs in total **
- Max 10 devices in total **
- Max distance 10 m in total
- Combination of different devices (metered/non-metered)
- MultiPDU uses one RJ45 (Ehternet)/IP address
- PowerUp Sequence – all outputs
- Condition & Rules all outputs
- nBus connection cable can be ordered separately
- nBus is galvanically isolated (can be used with 3-phase family)

*** Deviations shall be discuss with support.*

LED Wall Solution

This solution for LED walls was designed based on customer feedback and real-world project needs. The design of power distribution for LED walls is often underestimated or misunderstood, even though it offers significant operational benefits and resource optimization.

NETIO offers a system of LED wall focused products that enables flexible usage and quick deployment. This modular solution consists of certified devices that can be used individually or combined into a centrally managed MultiPDU system.

Keep your resources in check!

Benefits

RELIABLE SWITCH ON IN EVERY SITUATION

All devices connected to the MultiPDU system are **managed from a central unit**, allowing outputs to be **grouped and sequenced**. The delay defined by this sequence is applied every time the outputs are powered on. This ensures a **reliable restart** – especially after a power outage – **preventing circuit breakers from tripping** due to high inrush current.

SINGLE POINT OF CONTROL

The Group feature allows you to assign multiple outputs to a single group, which then functions as a **unified output**. The PDU automatically manages the **entire sequence** needed for a reliable power-up. This Group control function is **accessible via the device web interface**, NETIO Cloud, weekly scheduler, Open API, and AV drivers, as well as through Rules & Conditions triggered by a Digital Input (DI).

REDUCED OPERATIONAL COSTS

Remote power management in LED wall installations and digital **signage can significantly reduce operational costs**. LED walls do not necessarily need to be powered on 24/7; planned switch-off periods at night can yield significant energy savings. Additionally, remote management capabilities allow operators to **restart the system remotely** when issues arise. This resolves the majority of problems without requiring a site visit, which is often a full-day task.

LOWER POWER REDUNDANCY

NETIO's **Zero Current Switching (ZCS)** technology **reduces inrush current peaks**, enabling more efficient utilization of the available input power capacity.

Media Agency Usecase

A retail in-store media operator runs LED walls and media players across a supermarket chain. Intelligent PDUs enable scheduled power OFF of LED walls outside opening hours and remote restart of frozen playback devices, reducing energy waste and service costs with clear and measurable ROI.

ASSUMTIONS:

50 supermarkets (100 m² LED wall per store)
Closed time: 10 hours per day
Idle consumption: 3 kW per store
Electricity price: €0.25/kWh
PDU cost per store: €4,000

Parameter	Value per store	Total (50 stores)
Annual Energy Saved	10,950 kWh	547.5 MWh
Annual Cost Saved	€2,738	€136,875

ROI (Return on Investment) per store: **18 months**

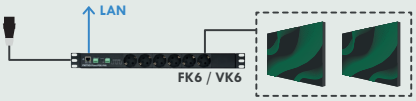
Scale It to Your Project Needs

11 kW

55 m²

This compact, ready-to-use 3-phase solution delivers **11 kW** of power distributed across **6 individually controlled and metered outputs.** *

- 1 units of **PowerPDU FK6** or **VK6**

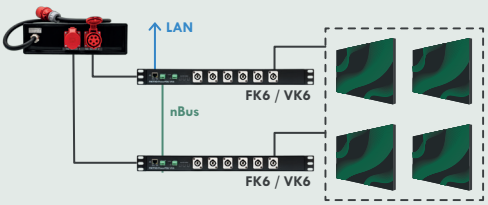


22 kW

110 m²

This mid-sized, ready-to-use system delivers **22.1 kW** of power distributed across **12 individually controlled and metered outputs.** *

- 2 units of **PowerPDU FK6** or **VK6**
- 1 units of **PowerLDU 216**
- 1 unit of **MultiPDU cable 2UH**

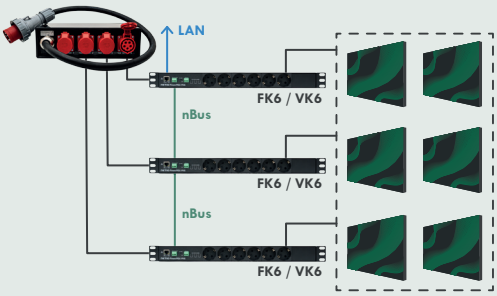


33 kW

165 m²

This large, modular, ready-to-use system delivers **33.1 kW** of power distributed across **18 individually controlled and metered outputs.** *

- 3 units of **PowerPDU FK6** or **VK6**
- 1 units of **PowerLDU 416**
- 1 unit of **MultiPDU cable 3UH**

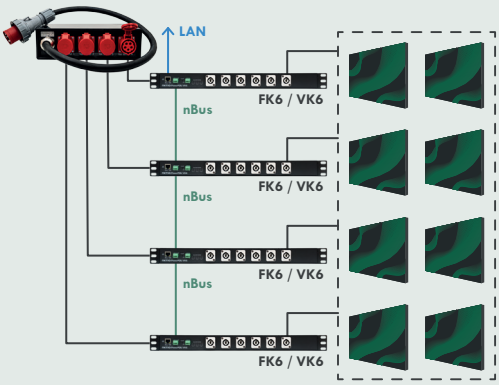


44 kW

220 m²

Our largest modular, ready-to-use system delivers **44.2 kW** of power distributed across **24 individually controlled and metered outputs.** *

- 4 units of **PowerPDU FK6** or **VK6**
- 1 units of **PowerLDU 416**
- 1 unit of **MultiPDU cable 4UH**



> 44 kW

Custom solution

The PowerDIN ZP3 or ZK3 can be integrated into an nBus MultiPDU configuration to sequentially control up to 48 outputs, supporting a maximum load of 16 A per output.

Contact us
for more informations
ledwalls@netio.eu

The achievable area depends on the technology used. This example assumes 200 W/m². Note that real-world installations are constrained by total power consumption and the inrush current peaks of the switching power supplies.

** Every installation must account for inrush current peaks; typically, capacity is doubled to handle this. However, NETIO devices with Zero Current/Voltage Switching allow for a higher utilization coefficient because they reduce inrush peaks by three to five times. This calculation uses a coefficient of 0.8, meaning 20% of the maximum power is reserved for redundancy.*

NETIO for North America

NETIO PRODUCTS US INC. is a new **branch of NETIO products a.s.** with a dedicated focus on **the North American market**. We offer the same reliable and innovative power distribution units (PDUs) as our European parent company, renowned for its engineering excellence, but with the added benefit of **products specifically tailored to the needs of North American customers**. This includes understanding the unique power requirements, safety standards, and industry-specific demands of the region, ensuring seamless integration and optimal performance for businesses across various sectors.

UL Compliant

NETIO products being certified by UL (Underwriters Laboratories) carry the assurance of meeting rigorous safety standards established by an internationally recognized organization.

UL certification enhances product credibility, safety, instilling trust among consumers and regulatory authorities. Having products certified ensures NETIO can be included in large corporate & governance projects. NETIO products fulfill requirements for US & Canada. As of standard:

- UL 62368-1 3rd Edition
- CAN/CSA C22.2 No. 62368-1:19

TAA Compliant

Being TAA-compliant offers significant benefits for NETIO products, especially for entering the U.S. government and institutional markets.

TAA compliance is a requirement for many federal contracts, which opens for us a major market segment. It allows NETIO products to be sold through government procurement channels, greatly expanding its sales potential. Additionally, TAA-compliant products often gain preferred vendor status, making NETIO more attractive in competitive bidding. It also helps NETIO align with national security policies, as TAA-approved sourcing reduces risks associated with restricted countries.

Products for North America

PowerPDU 8KB

NETIO PowerPDU 8KB is a PDU with 8 separately measured outputs (8x NEMA 5-15R) which can be controlled over the LAN network.

PowerPDU 8QB

NETIO PowerPDU 8QB is a PDU with 8 outputs (8x NEMA 5-15R) which can be controlled over the LAN network and supports measurement of the whole PDU and output 1.

PowerPDU 4KB

NETIO PowerPDU 4KB is a PDU with 4 separately measured outputs (4x NEMA 5-15R) which can be controlled over the LAN network.

PowerPDU 4PB

NETIO PowerPDU 4PB is a PDU with 4 outputs (4x NEMA 5-15R) which can be controlled over the LAN network.

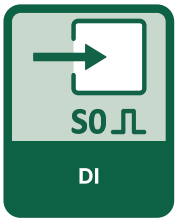
PowerCable 2KB

NETIO PowerCable 2KB is a flat PDU with LAN & WiFi connectivity. PowerCable 2KB can switch & meter 2 power outputs (2x NEMA 5-15R) over the LAN network.

PowerCable 2PB

NETIO PowerCable 2PB is a flat PDU with LAN & WiFi connectivity. PowerCable 2PB can switch 2 power outputs (2x NEMA 5-15R) over the LAN network.

Digital Input



Digital Input is 2 state input (0 or 1) for connecting dry contact (mechanical switch). Any push-button, mechanical switch or sensor/detector with relay output can be connected to the Digital Input. There is also a 12V power output available.

DI State Indication

- DI state (0 / 1) + pulse counter is shown on the device web page.
- DI state (0 / 1) + pulse counter is visible in NETIO Cloud.
- DI state (0 / 1) + pulse counter is available in the APIs (JSON, MQTT, SNMP, …).

You can connect to NETIO Digital Input

MECHANICAL SWITCH

- Button to activate day/night mode manually.
- Button to switch OFF screen.
- Button to activate manually shutdown process.
- Button to load default configuration (studio lights).

MOVEMENT DETECTOR / PIR / DOOR CONTACT

- To detect people in the room.
- People counter light bar for museums (sensor powered from 12V power output).

S0 PULSE OUTPUT OF WATER METER

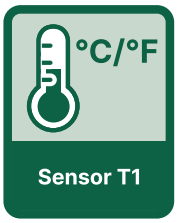
- To combine NETIO PDU electricity metering with water meter.

NETIO T1 SENSOR & NETIO TH1 SENSOR

- Thermostat switching power for heating/cooling device.
- Temperature and humidity monitoring (warehouse, production, meeting rooms…).
- Environmental monitoring of IT racks, cabinets, and industrial enclosures.

Scan the QR code to access the NETIO Wiki and learn more about DI usage in NETIO PDUs.

Sensor T1



NETIO Sensor T1 is an external temperature sensor on 3 m cable. It is compatible with NETIO products equipped by DI (Digital input). Temperature value is indicated on the device web. Using the CR (Condition & Rules) and PAB features can be the defined output switched autonomously based on measured temperature. Temperature value is also supported by Open API protocols, mobile app NETIO Mobile 2, NETIO Cloud and other features.

PROPERTIES

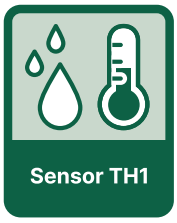
- **Operating range:** −20 °C to +80 °C
- **Accuracy:** ±0.4 °C
- **Interface:** DI terminal block
- **Cable:** PVC shielded cable, 3 m
- **Probe:** Stainless steel, 60 mm, Ø 6 mm
- **IP 67**

APPLICATION

- Thermostat switching power for heating/cooling device.
- Indoor/outdoor temperature monitoring (warehouse, production, meeting rooms).
- **IT** – Temperature in rack, data center or server rooms.
- **AV** – Studios, conference rooms, museums, cinemas, smart home, digital signature.

Sensor TH1

new



NETIO TH1 Sensor is a plug-and-play peripheral designed for real-time temperature and humidity monitoring. It is fully compatible with NETIO devices equipped with a Digital Input (DI) interface), allowing seamless integration without additional configuration. By extending the NETIO product portfolio with temperature and humidity sensing capability, the TH1 sensor enhances the functionality and application range of NETIO PDUs, enabling advanced environmental monitoring, conditional automation, and data logging.

PROPERTIES

- **Operating range:** −20 °C to +80 °C
- **Operating range:** 0 to 99 %RH
- **Interface:** DI terminal block
- **Cable:** PVC shielded cable, 3 m

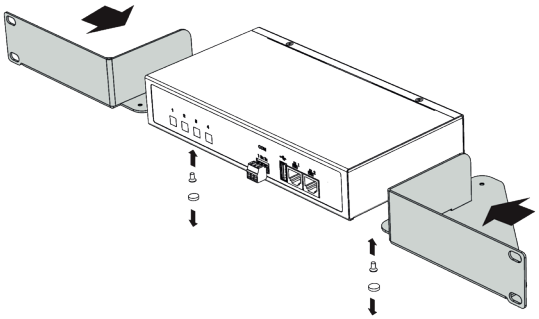
APPLICATION

- Environmental monitoring of IT racks, cabinets, and industrial enclosures.
- Condition-based automation via DI-linked logic or MQTT-flex rules.
- Remote supervision using SNMP, Modbus/TCP or NETIO Cloud.
- Energy efficiency optimization through temperature-dependent load control.

PowerPDU Family Accessories

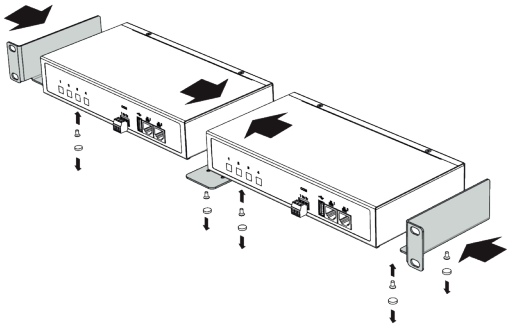
19” NETIO RM1

Metal brackets to install one PowerPDU 4PS or 4KS device into a 1U space in a 19” rack frame.



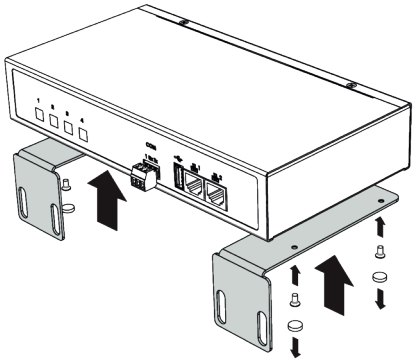
19” NETIO RM2

Metal brackets to install two pieces of PowerPDU 4PS or 4KS devices into a 1U space in a 19” rack frame.



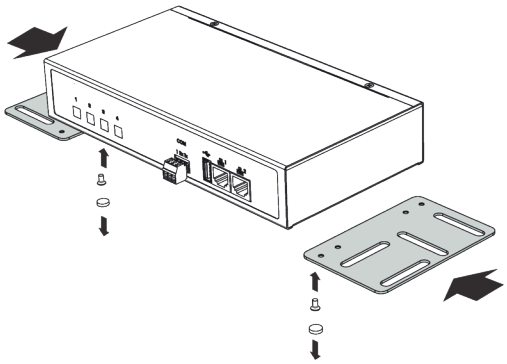
19” NETIO RM3 vertical

Metal brackets to fasten one NETIO PowerPDU device (PowerPDU 4PS, 4KS or 8QS) to a vertical bar in a rack frame.



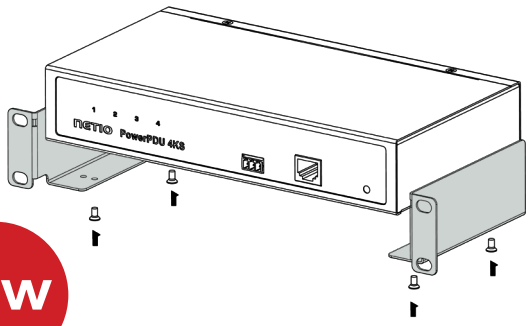
19” NETIO RM4 universal

Universal metal brackets to fasten one PowerPDU 4PS, 4KS or 8QS device e.g. to horizontal bars in a rack frame.



10” NETIO RM6

Metal brackets to install one PowerPDU device into a 1U space in a 10” rack frame.



NEW

MultiPDU Cables

Interconnection nBus Cable for MultiPDU.

Horizontal cables (15 cm length):

- MultiPDU cable 2UH
- MultiPDU cable 3UH
- MultiPDU cable 4UH

Vertical cables (62 cm length):

- MultiPDU cable 2UV
- MultiPDU cable 3UV

NEW

PowerBOX Family Accessories

NETIO MK1 PowerBOX

Metal bracket for mounting 1 piece of PowerBOX 3Px or PowerBOX 4Kx on the wall, contains two metal pieces. Both parts slide into the aluminum profile (back side).

19” NETIO MK2 PowerBOX horizontal

Metal brackets for 1 unit of NETIO PowerBOX 3Px or 4Kx into a 1.5U space in a 19” rack frame.

19” NETIO MK3 PowerBOX vertical

Metal brackets to fasten 1 unit of NETIO PowerBOX 3Px or 4Kx to a vertical bar in a rack frame.

NETIO Cloud

With NETIO Cloud, you can switch On/Off or restart (power cycle) any electrical appliance powered by NETIO PDU power output. Several NETIO PDUs can be connected to one company account. Users can control PDU output(s) from the Mobile App (IOs & Android) or the NETIO Cloud Service web page.

- Secured online service (TLS 1.3, HTTPs)
- Long-term stable & reliable
- User Roles & Access Rights
- Remote firmware update
- Power-Up Sequence
- Project oriented (Multi-user feature)
- On Premise version available
- Open API mindset
- NETIO Mobile 2 synchronization

On Premise Available

Centralized Control, Anywhere

Manage all NETIO devices **from a single dashboard** — across **all your installations** or **across the world**. Power-cycle frozen equipment, switch outputs ON/OFF, and monitor device status instantly without VPNs, or complex networking.

Scales from One Rack to Global Developments

Organize your devices into logical structures (site – room – rack – device – output) and manage hundreds or thousands of PDUs without performance loss. **Group & control** them based on your need. i.e. Restart **ALL of them** at once with proper sequence.

Role-Based Access for Teams

The permissions assignment for teams or customers access can be managed down to the single device or output. This enables safe delegation and prevents unauthorized or accidental switching.

Remote Device Management

NETIO Cloud provides secure **remote configuration** and **FW remote upgrade** for NETIO devices, enabling technicians to set up functions such as **PAB, Conditions & Rules** or **WatchDog** without needing local network access. This allows centralized setup and maintenance of advanced features across whole installations. NETIO Cloud allows simple, centralized upgrades for **multiple devices,** ensuring your full device chain always operates.

Reliable and Secure for Mission-Critical Systems

NETIO Cloud uses encrypted TLS communication and supports multi-factor authentication. Persistent MQTTs connections ensure reliable command delivery and real-time telemetry.

Monitoring, Alerts & Reports

For metered NETIO PDUs, NETIO Cloud displays real-time consumption values. Data can be exported to **CSV file** or pushed into **MS Power BI** for live reporting. Connection-loss alerts immediately notify you when a device or site becomes unreachable.
With the latest version, updating unlocks **new capabilities like HTTPs** and grants **bonus Cloud credits** for keeping firmware up-to-date.

SSO & Cloud-to-Cloud integration

NETIO Cloud supports **Single Sign-On (SSO)** for corporate users, with integration available for services such as **Microsoft 365, Google, or Okta**. SSO login is available to users subscribed to the **Enterprise plan**. Additionally, NETIO Cloud provides **Cloud-to-Cloud integration** with third-party systems via **REST and MQTT APIs,** enabling seamless data exchange and automation.

Reduce On-Site Service Costs

A remote reboot often solves issues with routers, switches, AV processors, and industrial controllers. Using NETIO Cloud drastically **reduces** the need for **on-site technician visits** and minimizes equipment downtime.

Credit System

NETIO Cloud is a paid service, charged in NETIO Cloud credits. These credits are then deducted per day based on the number of devices added to the organization according to the subscription plan chosen.

How to Get NETIO Cloud Credits

Credit Voucher - You can buy Credit Vouchers from our Distributors.
Welcome credit - Once you add a new product to your NETIO Cloud organization, NETIO Cloud automatically adds 50 000 FREE credits one time per device.

Custom Subscription

The NETIO Cloud subscription plan can be customized, allowing you to offer NETIO remote power control as a value-added feature in your project – without the hassle of recurring credit purchases. It provides you predictable costs for 1-year 3-years or 5-years.

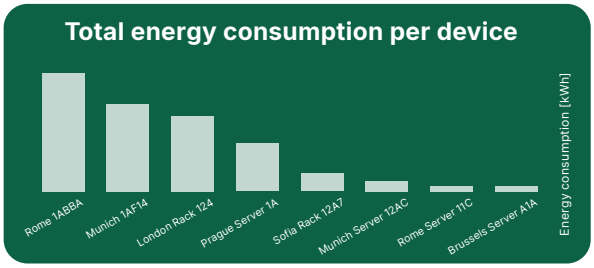
OnPrem Solution

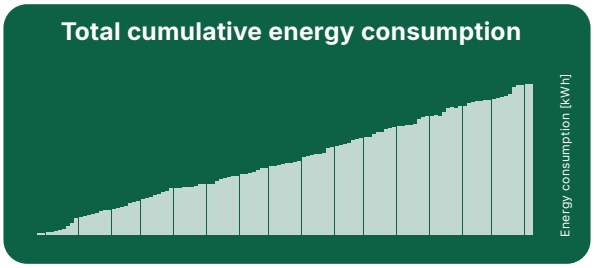
NETIO Cloud can be deployed as an **on-premises solution**, running fully within your own IT infrastructure to meet security, compliance, or data-integrity requirements. This approach delivers the same centralized NETIO devices power monitoring and control entirely running under your control.

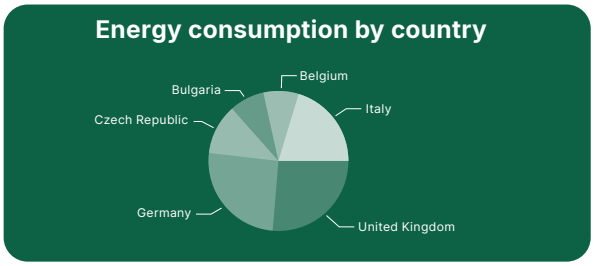
NETIO – Consumption Report

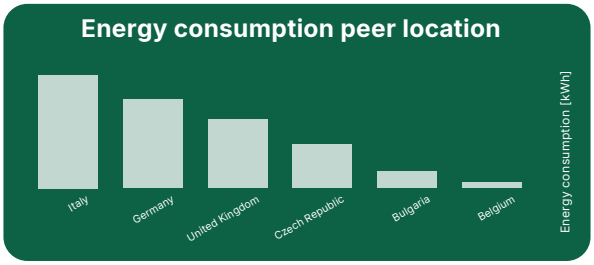
List of devices

- ☒ Rome 1ABBA
- ☒ Munich 1AF14
- ☒ London Rack 124
- ☒ Prague Server 1A
- ☒ Sofia Rack 12A7
- ☒ Munich Server 12AC
- ☒ Rome Server 11C
- ☒ Brussels Server A1A









NETIO Cloud

Subscription Plans

NETIO Cloud offers its customers 3 types of subscriptions, plus a custom one for bigger projects.

	Basic	Small Office	Enterprise
Max Users	1	5	50
User Roles	✗	✓	✓
Device Limit	50	500	2000
Device Groups	✗	✓	✓
Remote Schedule ON/OFF	✗	✓	✓
NETIO Mobile 2	✓	✓	✓
Audit Log	✗	✓	✓
MQTT API (publish/day)	✗	5,000	10,000
PDU Connection Alert	✓	✓	✓
Connection Error Alert Reaction Time	30 min	1 min	1 min
Historical Data Retention (after an additional fee)	1 Year	2 Years	4 Years
PAB & WatchDog Alerts	✗	✗	✓
Remote Firmware Update	✓	✓	✓
0 Credit Protection Period (until the account is blocked)	7 days	14 days	30 days
Reports	0	0	10

Try NETIO Cloud Demo!

Experience NETIO Cloud in action – no NETIO PDU required.

Go to: **cloud.netio-products.com**

Login: demo@netio.eu
Password: demodemo

NETIO Mobile 2

NETIO Mobile 2 is a mobile app to control all outputs on several NETIO devices over LAN (WiFi) or NETIO Cloud account from mobile phones and tablets. It is supported by all NETIO devices.

Mobile Application

- **Control individual power outputs:** Switch ON, OFF, or RESET.
- Mobile App controls devices on **LAN** or all devices in defined **user account** (NETIO Cloud).
- **Read power consumption data** (A, W, Wh) from outputs that support energy metering.
- Turn the Scheduler on/off for each output.
- Outputs can be arranged into groups.
- Group control: Switch on/off all outputs in the group.
- Group control – turn the Scheduler on/off for all outputs in the group.
- Organize the outputs within groups (by function or location).
- Change output/device names (visible in the application).
- Add multiple devices to the mobile app.
- Search your network for NETIO devices (LAN discover function).

Scheduler | LAN | WiFi | Power Metering | NETIO Cloud

Get our mobile app NETIO Mobile 2:

GET IT ON Google Play

Download on the App Store

User-friendly Web Interface

NETIO devices include their own web server and can be configured over web interface. The web interface is accessible over the local network with any web browser on the device´s IP address. Each output can be controlled independently and electrical metering data is visible for metered outputs.

WEB

- **Switching** each power output On/Off/Reset
- Electrical **metering** data visible
- **Open API** configuration
- **NETIO Cloud** connection

- **Scheduler function:** Time-based power switching for each output.
- **IP WatchDog(s), Rules & Condition configuration.**
- **PowerUp State:** Define the behavior of the power output after the device is powered up (or after power is restored after power outage). Possible values: On/Off/Last state.
- **PowerUp Delay:** Set a delay (in milliseconds) before switching the output (e.g. when the power is restored after an outage). This prevents circuit breakers from tripping.

Control NETIO via Python

We all know that installation time is critical. Everyone aims to complete the setup as quickly as possible while keeping the customer satisfied. NETIO is a full-solution provider: we handle design, development, engineering, and production in-house. This end-to-end control enables us to offer device pre-configuration services to our customers – meaning we deliver each device with the required setup already applied. The PDU becomes a true plug-and-play solution.

Pre-configuration Example

- NETWORK (WIFI, IP setup, NTP…)
- DEVICE DETAILS (Device name, Output description…)
- POWER SETUP (PowerUp Sequence, PowerUp State…)
- API-MQTT configuration
- SCHEDULER configuration
- Customized QR label – with spec customer payload other

PyNETIOConf

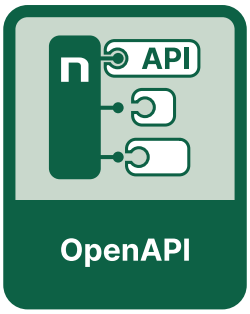
PyNetioConf is a Python library for interacting with all NETIO devices, PyNetioConf enables users to control devices programmatically through Python, making it useful for automating power management in various network setups or IoT application. It is available in NETIO public repository on GitHub.

- **Remote Power Control:** Provides functionality to remotely turn ON, turn OFF, or RESTART connected devices via NETIO's network-controlled power outlets.
- **Configuration setup:** Allows users to configure their NETIO device features, such as network/Wi-Fi, Schedule, API, Users & permissions, etc.
- **FW upgrade:** The library allows for performing firmware upgrades on NETIO devices.
- **Status Monitoring:** Retrieves the status of outlets, FW version, APIs status, or obtains values from electrical characteristic measurements.
- **Certificate Upload:** The library can be used to upload certificates and connect to IoT cloud providers, such as AWS IoT.

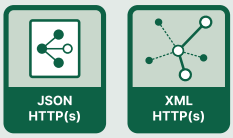
Firmware Upgrade

Maintaining the latest firmware on NETIO devices ensures that all security patches, protocol updates, and bug fixes are applied. Upgrading to the newest firmware also guarantees the latest features, such as HTTPs, are deployed and available. Firmware upgrade is now available though NETIO Cloud or Device web interface.

Open API



Monitor and control your NETIO power socket via any interoperable device, software or cloud. NETIO devices can be easily integrated into the systems you are already using. NETIO products support many Open API standards such as MQTT, Modbus/TCP, JSON over HTTP, SNMP, XML and more…

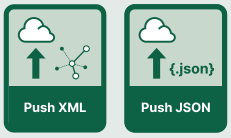


JSON and XML over HTTP(s)

JSON and XML are popular thanks to their simplicity and human-readability. JSON is the most popular protocol, used in most integrations in the AV market – Crestron, Control4, RTI, Savant and more.

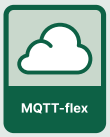
URL API – HTTP(s) get

By accessing a certain WWW address, a socket can be switched on, switched off, or toggled. This method is often used in IP surveillance cameras, JAVA scripts, or other web technologies.



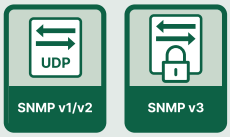
HTTP(s) Push – JSON / XML

NETIO devices can periodically connect to the specified server over http / https and send data in a JSON or XML structure. It is useful in cases where the NETIO device is not accessible from the internet or the server (NETIO device is in a LAN behind a NAT).



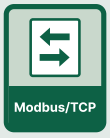
MQTT-flex

MQTT is often used in IoT applications and related cloud services. It is designed for large networks with low data traffic to minimize data volumes. MQTT-flex is a text based configurable version of the standard MQTT protocol (broker details, topics, etc.).



SNMP v1/v2, SNMP v3

NETIO sockets can be controlled via SNMP v1/v2 or the more secure SNMP v3. Popular SNMP applications are: Nagios, Zabix, Cacti, Paessler PRTG Network Monitor and more.



Modbus/TCP

Modbus/TCP is very common in industry, where it is a de-facto standard for communication on a local level. It does not support any security. Thanks to Modbus/TCP support, NETIO sockets can be controlled from PLCs or various SCADA applications.

Telnet

NETIO sockets can be controlled with commands sent over a Telnet connection. We maintain Telnet command compatibility with the KShell (Koukaam Shell) instruction set to ensure backward compatibility with Koukaam products.

List of Features

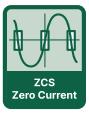
LAN
Ethernet 10/100 Mbit interface (RJ-45) for wired connection to LAN (Local Area Network).

WEB INTERFACE
NETIO devices include their own web server. Each output can be controlled (switch on/off/restart) and configured over the web interface.

MOBILE APPLICATION
NETIO Mobile 2 is a mobile application, which allows you to control multiple NETIO smart PDUs, strips, sockets and cables from a single screen.

DI (Digital Input)
Digital Input is an interface, which allows to detect binary signals (0 or 1). A digital input (DI) can be used to control the outputs or count S0 pulses.

SENSOR TH1
NETIO Sensor TH1 is an external temperature and humidity sensor. It is compatible with NETIO products equipped by DI (Digital input).



ZCS (ZERO CURRENT SWITCHING)
The relay contacts switch the output on or off when the current crosses the zero level. This reduces the negative effect of Inrush Current.

POWERUP STATE
This parameter defines the output state (On/Off/Last) after powering up the device or when power is restored after a power outage.

IP WATCHDOG (PING)
Function that checks the availability of another device in the network using the “ping” command (ICMP protocol).

SCHEDULER
The Scheduler function (also known as Planner or Calendar) allows to specify a time plan for switching individual electrical sockets on and off.

JSON over HTTP(s)
JavaScript Object Notation (JSON) is a platform-independent data transfer format. A JSON data structure is transferred over HTTP(s).

SNMP v1/v2
SNMP v1/v2 (Simple Network Management Protocol) is a UDP-based protocol for monitoring and management of networks and services.

MQTT-flex
The MQTT-flex version of the MQTT protocol can be configured in detail thanks to the “flex” extension.

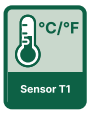
Telnet
Telnet is a TCP/IP-based protocol used in computer networks that allows the user to connect to a re-mote computer using a Telnet application (console).

HTTP(s) Push JSON
NETIO devices can periodically connect to the specified server over http/https and send data in a .json (JavaScript Object Notation) structure.

WiFi
Ethernet 10/100 Mbit interface (RJ-45) for wired connection to LAN (Local Area Network).

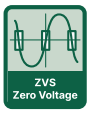
NETIO CLOUD
NETIO Cloud is a service for controlling multiple NETIO devices from one screen. It is well-secured and reliable. It is accessible via any web browser.

19” RACK
Some NETIO devices fit into 19” cabinet (1U). Metal brackets (Rack Mount Kits) are available as an accessory.



SENSOR T1
NETIO Sensor T1 is an external temperature sensor on 3 m cable. It is compatible with NETIO products equipped by DI (Digital input).

POWER METERING
Some NETIO devices can measure electrical values – [A], [W], [Wh], TPF (True Power Factor), [V], [Hz], [°], …

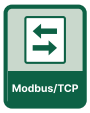


ZVS (ZERO VOLTAGE SWITCHING)
The relay contacts switch the output on or off when the voltage crosses the zero level. This reduces the negative effect of Inrush Current.

CONDITION & RULES
NETIO Condition (PAB & WatchDog) & Rules are pre-defined detections (Conditions) and related actions. Runnig in NETIO PDU devices.

POWER WATCHDOG
PDU based autonomous monitoring of connected (powered) electrical device system. Power consumption drops-down can be used for autonomous restart.

HTTPs
NETIO devices are configured via an internal web server. All communication with the device, which is HTTP-based, can be encrypted using HTTPS and custom certificates.



MODBUS/TCP
Modbus/TCP is a communication protocol designed for industrial applications - exchanging data messages in a master-slave mode.

SNMP v3
SNMP version 3 supports secure communication. Unlike SNMP v1 and v2, it uses username and password authentication and SSL encryption.

nBus
NETIO’s built-in communication system extension allowing devices talk to each other.

XML over HTTP(s)
XML stands for eXtensible Markup Language. It is a language that uses tags in a defined structure. A XML data structure is transferred over HTTP(s).

URL API (http get)
Simple method for passing parameters as a part of a URL address (http get). In this way, it is easy to turn on/off or toggle each individual socket.

NETIO Toolbox

NETIO Toolbox is a set of power management features integrated directly into all NETIO devices.

Designed for AV integrators, IT administrators, system architects, and industrial users, NETIO Toolbox transforms electric power from a passive resource into an actively managed system.

"NETIO Toolbox is not an extra service, external software, or license-based add-on. It is a set of deeply embedded features that come standard with all NETIO PDUs and smart power products."

Core Features of NETIO Toolbox

Remote Restarting (Manual Control)

Autonomous Restarting (Self-Healing)

Power-Up Sequencing

Time-Based Power Switching (Scheduler)

Grouping of Devices & Outputs

Chaining Multiple PDUs (nBus)

Daylight Power Output Control

Thermostat Feature – Temperature-Based Switching

Temperature Alerting

Connection Error Alert

Energy Consumption Monitoring (ESG Data & Power Analytics)

NETIO Toolbox Allows Users To

- **Remotely control** power outputs
- **Automatically react** to system failures or conditions
- **Schedule** power actions with precision
- **Group and chain devices** for enterprise-level control
- **Monitor and optimize** energy usage
- **Integrate** with third-party systems via Open API or AV drivers

This makes NETIO Toolbox one of the most comprehensive native toolkits for power management on the market.

Why NETIO Toolbox Matters

In traditional PDUs, power is either on or off. NETIO Toolbox changes that. It enables **smart logic, automation,** and **monitoring** across one device or hundreds – without additional hardware or complex setup.

Business impact:

- **Minimize downtime** with proactive self-healing.
- **Reduce energy waste** with automation and analytics.
- **Prevent damage** from inrush currents during power restoration.
- **Enhance operational resilience** in signage, AV, IT, and test environments.
- **Support ESG goals** with precise consumption data.

Integration Partners

We believe in interoperability and easy integration using Open API. Every NETIO device supports multiple APIs, which makes it a versatile component to your system.

ATLONA · BrightSign · Control4 · CRESTRON · cue · domotz · ELAN · elgato · FIBARO · flic · Grafana · HS · HW group · kramer · LOXONE · Nagios · biamp. Nexia · Node-RED · Ollo · PIXI LAB Blocks · PRO DVX ALWAYS ON · Prometheus · Q-SYS · RTI · SAVANT · SIEMENS · SKAARHOJ · ŪTELOGY · ZABBIX · Extron · Aurora · Symetrix

Application Notes

A vast library of AN resources enhaces your understanding of how to integrate NETIO products into your applications.

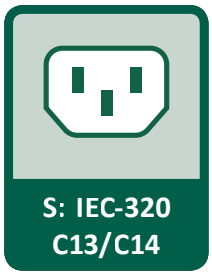
Visit www.netio-products.com – to learn more about "How to API", browse examples of integrations, setups etc…

Like what you see?

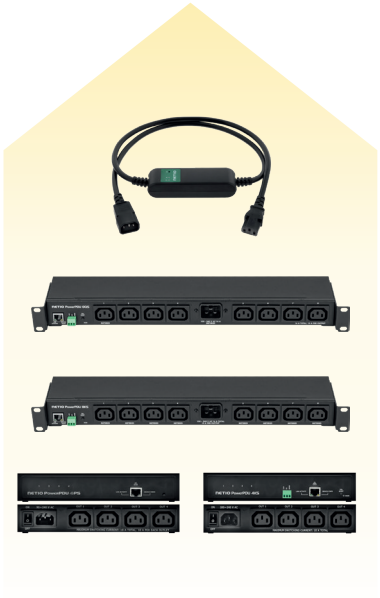
Contact our partner in your country, but if you haven't found any, contact us and become one!

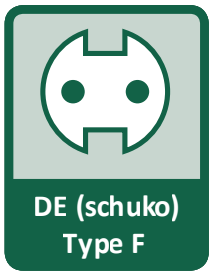
Write us to **sales@netio.eu**

Socket types

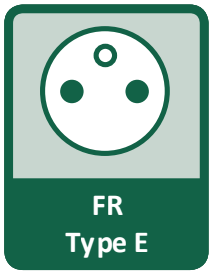


S: IEC-320
C13/C14



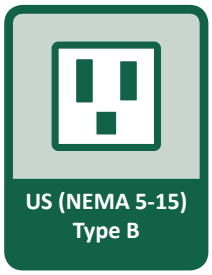


DE (schuko)
Type F

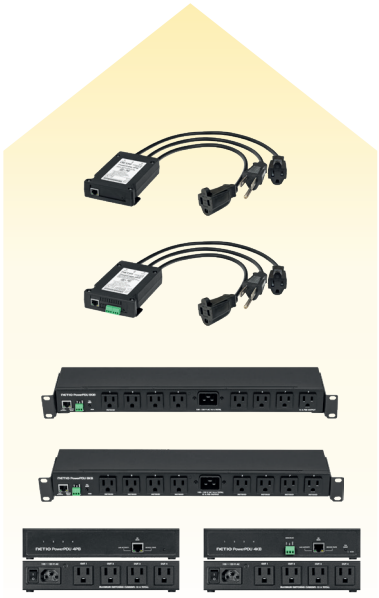


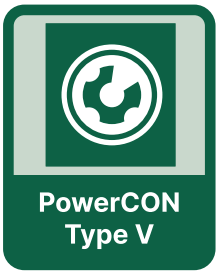
FR
Type E

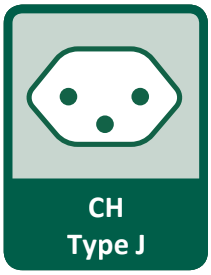
UK
Type G


US (NEMA 5-15)
Type B


Z: Terminal
block




PowerCON
Type V


CH
Type J

Product Comparison

	PowerPDU 4KS	PowerPDU 4KB	PowerPDU 4PS	PowerPDU 4PB	PowerPDU 4PV	PowerPDU 8KS	PowerPDU 8KB	PowerPDU 8KF	PowerPDU 8QS	PowerPDU 8QB	PowerPDU 8QF	PowerPDU 8QV	PowerBOX 4KE (WiFi)
Power input type	C14	C14	C14	C14	PowerCON	C20	C20	Europlug	C20	C20	Europlug	PowerCON	Europlug
Power input voltage	100-240 V	110-125 V	100-240 V	110-125 V	100-240 V	100-240 V	110-125 V	100-240 V	100-240 V	110-125 V	100-240 V	100-240 V	100-240 V
Power input current	max 10 A	max 15 A *	max 10 A	max 15 A *	max 16 A	max 16 A	max 15 A *	max 16 A	max 16 A	max 15 A *	max 16 A	max 16 A	max 16 A
Power output type	4x C13	4x NEMA 5-15R	4x C13	4x NEMA 5-15R	4x PowerCON	8x C13	8x NEMA 5-15R	8x Type F	8x C13	8x NEMA 5-15R	8x Type F	8x PowerCON	4x Type E
Switched channels	4	4	4	4	4	8	8	8	8	8	8	8	4
ZCS/ZVS	ZCS	ZCS	ZVS	ZVS	ZVS	ZCS	ZCS	ZCS	ZVS	ZVS	ZVS	ZVS	ZCS
Metered channels	4	4	-	-	-	8	8	8	1 + Total	1 + Total	1 + Total	1 + Total	4
Surge protection (SPD Type 3)	●	●	●	●	●	●	●	●	●	●	●	●	●
Internal consumption	1-2 W	1-2 W	1-2 W	1-2 W	1-2 W	1-3 W	1-3 W	1-3 W	1-3 W	1-3 W	1-3 W	1-3 W	1-2 W
PAB (Power Analyze Block)	●	●	-	-	-	●	●	●	●	●	●	●	●
Relay outputs (NO/NC)	-	-	-	-	-	-	-	-	-	-	-	-	-
Digital Inputs (DI) + S0 counter	1	1	-	-	-	1	1	1	1	1	1	1	-
Temperature/Humidity sensor	●	●	-	-	-	●	●	●	●	●	●	●	-
LAN	●	●	●	●	●	●	●	●	●	●	●	●	●
WiFi	-	-	-	-	-	-	-	-	-	-	-	-	○
Web interface	●	●	●	●	●	●	●	●	●	●	●	●	●
Open API	●	●	●	●	●	●	●	●	●	●	●	●	●
PowerUp state	●	●	●	●	●	●	●	●	●	●	●	●	●
PowerUp delay	●	●	●	●	●	●	●	●	●	●	●	●	●
Week Scheduler function	●	●	●	●	●	●	●	●	●	●	●	●	●
Ping WatchDog	●	●	●	●	●	●	●	●	●	●	●	●	●
Power WatchDog	●	●				●	●	●	●	●	●	●	●
Condition & Rules	●	●	●	●	●	●	●	●	●	●	●	●	●
NETIO Cloud support	●	●	●	●	●	●	●	●	●	●	●	●	●
Mobile App	●	●	●	●	●	●	●	●	●	●	●	●	●
10" rack mount	●	●	●	●	●	-	-	-	-	-	-	-	-
19" rack mount	●	●	●	●	●	●	●	●	●	●	●	●	●
nBus/MultiPDU	●	●	-	-	-	●	●	●	●	●	●	●	-
Vertical mount (0U)	●	●	●	●	●	●	●	●	●	●	●	●	●
Electrical system	1 phase	1 phase	1 phase	1 phase	1 phase	1 phase	1 phase	1 phase	1 phase	1 phase	1 phase	1 phase	1 phase

All NETIO products support every Open API protocol listed on page 43.

* UL rating 12 A

Table 1 PowerCable 1KX

	S	F	B	Z	E	G	V	J	Y
Power input type	IEC-320 C14	Europlug	-	-	Europlug	Type G – UK	PowerCON	Type J (Swizz)	Europlug
Power input voltage	100–240 V	100–240 V	-	-	100–240 V	100–240 V	100–240 V	100–240 V	100–240 V
Power input current	max 10 A	max 16 A	-	-	max 16 A	max 13 A	max 16 A	max 10 A	max 16 A
Power output type	IEC-320 C13	Type F (Schuko)	-	-	Type E (FR)	Type G (UK)	PowerCON	Type J (Swiss)	IEC-320 C13

PowerBOX 4KF (WiFi)	PowerBOX 4KG (WiFi)	PowerBOX 3PE	PowerBOX 3PF	PowerBOX 3PG	PowerCable 1Kx	PowerCable 2Kx	PowerCable 2Px	PowerDIN 4PZ	PowerDIN ZK3	PowerDIN ZP3	PowerPDU FK6	PowerPDU VK6	
Europlug	Type G	Europlug	Europlug	Type G	Tab. 1	Tab. 2	Tab. 2	Terminal block	Terminal block	Terminal block	5-pin CEE plug	5-pin CEE plug	**Power input type**
100-240 V	100-240 V	100-240 V	100-240 V	100-240 V	Tab. 1	Tab. 2	Tab. 2	100-240 V	100-240 V	100-240 V	400 V	400 V	**Power input voltage**
max 16 A	max 13 A	max 16 A	max 16 A	max 13 A	Tab. 1	Tab. 2	Tab. 2	max 16 A	3x 16 A	3x 16 A	3x 16 A	3x 16 A	**Power input current**
4x Type F	4x Type G	3x Type E	3x Type F	3x Type G	Tab. 1	Tab. 2	Tab. 2	4x T. block	3x T. block	3x T. block	6x Type F	6x PowerCON	**Power output type**
4	4	3	3	3	1	2	2	4	3	3	6	6	**Switched channels**
ZCS	ZCS	ZVS	ZVS	ZVS	ZCS	ZCS	ZVS	ZCS	ZCS	ZVS	ZCS	ZCS	**ZCS/ZVS**
4	4	-	-	-	1	2	-	2	3	-	6	6	**Metered channels**
●	●	●	●	●	●	●	●	●	●	●	●	●	**Surge protection (SPD Type 3)**
1-2 W	1-2 W	1-2 W	1-2 W	1-2 W	1-2 W	1-2 W	1-2 W	1-2 W	1-2 W	1-2 W	1-2 W	1-2 W	**Internal consumption**
●	●	-	-	-	●	●	●	●	●	-	●	●	**PAB (Power Analyze Block)**
-	-	-	-	-	-	-	-	●	-	-	-	-	**Relay outputs (NO/NC)**
-	-	-	-	-	-	2	-	2	2	2	2	2	**Digital Inputs (DI) + S0 counter**
-	-	-	-	●	-	●	-	●	●	●	●	●	**Temperature/Humidity sensor**
●	●	●	●	●	-	●	●	●	●	●	●	●	**LAN**
○	○	-	-	-	●	●	●	●	●	●	-	-	**WiFi**
●	●	●	●	●	●	●	●	●	●	●	●	●	**Web interface**
●	●	●	●	●	●	●	●	●	●	●	●	●	**Open API**
●	●	●	●	●	●	●	●	●	●	●	●	●	**PowerUp state**
●	●	●	●	●	●	●	●	●	●	●	●	●	**PowerUp delay**
●	●	●	●	●	●	●	●	●	●	●	●	●	**Week Scheduler function**
●	●	●	●	●	●	●	●	●	●	●	●	●	**Ping WatchDog**
●	●	-	-	-	●	●	-	●	●	-	●	●	**Power WatchDog**
●	●	●	●	●	●	●	●	●	●	●	●	●	**Condition & Rules**
●	●	●	●	●	●	●	●	●	●	●	●	●	**NETIO Cloud support**
●	●	●	●	●	●	●	●	●	●	●	●	●	**Mobile App**
-	-	-	-	-	-	-	-	-	-	-	-	-	**10" rack mount**
●	●	●	●	●	-	-	-	-	-	-	●	●	**19" rack mount**
-	-	-	-	-	-	●	-	●	●	●	●	●	**nBus/MultiPDU**
●	●	●	●	●	-	-	-	-	-	-	●	●	**Vertical mount (0U)**
1 phase	1 phase	1 phase	1 phase	1 phase	1 phase	1 phase	1 phase	1 phase	3-phase/1-phase	3-phase/1-phase	3-phase	3-phase	**Electrical system**

All NETIO products support every Open API protocol listed on page 43.

* UL rating 12 A

Table 2
PowerCable 2KX / 2PX

	S	F	B	Z	E	G	V	J	Y
Power input type	IEC-320 C14	Europlug	NEMA 5-15P	Terminal Block	Europlug	Type G – UK	PowerCON	Type J (Swizz)	Europlug
Power input voltage	100–240 V	100–240 V	110–125 V **	100–240 V **	100–240 V	100–240 V	100–240 V	100–240 V	100–240 V
Power input current	max 10 A	max 16 A	max 15 A **	max 16 A **	max 16 A	max 13 A	max 16 A	max 10 A	max 16 A
Power output type	IEC-320 C13	Type F (Schuko)	NEMA 5-15R	Terminal Block	Type E (FR)	Type G (UK)	PowerCON	Type J (Swiss)	IEC-320 C13

** UL rating 100–125V; 12 A

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