

NETIO PowerCable 2PZ



PowerCable 2PZ is cost effective version of the flat PDU with 2 switched power outputs (110/230V max 16A). Device connectivity is LAN and WiFi.

Open API enables integration into 3rd party systems using a wide range of protocols (http JSON, Modbus/TCP, SNMP, MQTT, Telnet, ..).

- LAN or WiFi
 - 2x Switched output (230V/16A)
 - Open API (10 protocols, M2M API)
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- Service: NETIO Cloud
 - Mobile application: NETIO Mobile 2



Each of the two power outputs can be independently controlled from the product web interface (switched off/on or power-cycled). To switch the outputs on in a sequence, a power-up delay interval can be configured for each output.

The **NETIO Mobile 2** app controls each output individually over LAN (local network) or NETIO Cloud.

NETIO Cloud is a SSL-secured service for controlling the outputs from anywhere (Web or Open API).

Open API allows controlling the outputs over the network using various protocols (http XML/JSON, Modbus/TCP, MQTT, SNMP, Telnet and more...).

AV drivers make it easy to connect NETIO sockets to professional Audio/Video systems such as Skaarhoj, Crestron, Control4 and more.

The Scheduler function switches outputs on and off at configured times. It works locally, even without Internet connection.



Energy savings



Remote switching off/on or power cycling of electrical sockets



Restart over the Web



NETIO Mobile 2 app (LAN/Cloud)



Central web interface (NETIO Cloud)



AV Drivers:

Control4



kramer

SKAARHOJ

CRESTRON

RTI

ELAN

FEATURES

- 2x Power Output (230V/16A) with relays (ZVS)
- Methods for controlling each output
 - WEB browser
 - Mobile app: NETIO Mobile 2 (LAN or WiFi)
 - NETIO Cloud
 - Scheduler
 - Watchdog (Power & Ping)
 - Open API (10 protocols)
- **NETIO Mobile 2:** Mobile app
- **NETIO Cloud:** Paid service
- **ZVS** (Zero Voltage Switching): The relay is switched when the voltage crosses zero. This reduces relay wear and allows switching devices with a high inrush voltage.
- **PowerUp State:** Default output state (On/Off/Last state)
- **PowerUp Delay:** Delay before switching the output on
- **Firmware** update over the Web interface
- **Scheduler function:** Each output can be switched according to its time schedule (calendar)
- **Open API (protocols)**
 - JSON over http
 - Modbus/TCP
 - MQTT-flex
 - Telnet
 - SNMP (SNMP v1/v3)
 - XML over http
 - URL API – http get
 - HTTP Push JSON / XML
- Supported protocols: http, DNS, NTP, uPNP, DHCP, ICMP, TCP/IP

SUPPORT FOR USERS AND DEVELOPERS

- **NETIO Wiki** – library for developers
- **ANxx** (Application Notes) with examples
- **NETIO Drivers** – for AV systems

SPECIFICATIONS

- **PowerCable 2PZ:**
Device (terminal block inside) no power cables included

POWER

- **Power Input:** Terminal block (Ø 2.5mm), 100-240VAC (50/60Hz) - max 16A
- **Each Output:** On/Off (SPST-NO relay)
- **Internal consumption:** 1-2W

INTERFACE

- LAN 10/100 Mbps (RJ-45)
- WiFi 2,4 GHz (internal antenna)
- Load Defaults button (on the panel)

ELECTRICAL MEASUREMENTS

- Electrical measurements: No

PACKAGE CONTENTS

- NETIO PowerCable 2PZ
- QIG (printed Quick Installation Guide)

DIMENSIONS / WEIGHT

- PowerCable 2PZ: 102 x 32 x 149 mm
- Package: 125 x 73 x 204 mm/0.2 kg

OPERATING CONDITIONS

- Temperature: -20 °C to +55 °C
- For indoor use only (IP30)
- Designed and produced in the Czech Republic

STANDARDS/NORMS: EN 62368, EN 60950, EN 61000, EN 50581

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NETIO PowerCable 2PZ Flat PDU, LAN/WiFi, 2x power output (Switched). No power cables.

NETIO PowerCable 2KF Flat PDU, LAN/WiFi, 2x power output (Switched & Metered), 2x DI (Digital Input). Power cables: 3x 30 cm, EU power plug, 2x power output Type F (Schuko).

NETIO PowerCable 2KZ Flat PDU, LAN/WiFi, 2x power output (Switched & Metered), 2x DI (Digital Input). No power cables.