

# 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 3<sup>rd</sup> 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:**



## 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

**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.

## 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