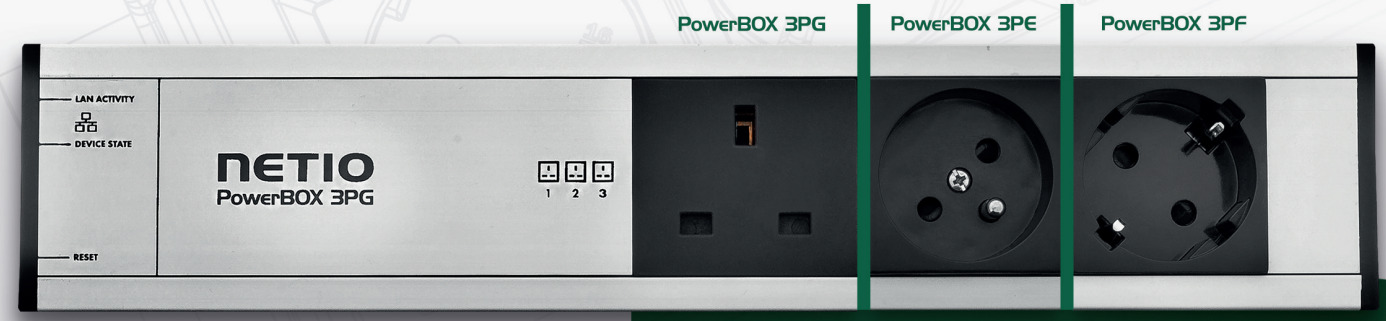
NETIO PowerBOX 3Px

NETIO PowerBOX 3Px is a power socket device with 3 outputs controlled over a LAN. Each output can be switched off and on over the web, the NETIO cloud service, or with a mobile app.

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

- 3x output (electrical socket)
- Each output can be switched on and off
- LAN (Ethernet)

- Open API (7 protocols)
- **ZVS** – Zero Voltage Switching
- Service: NETIO Cloud



Each of the three power sockets 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 Mobile2** 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 Cloud 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 Neets, Crestron, Control4 and more.

UK 3PG | **FR 3PE** | **DE 3PF**

Energy savings

Remote switching off/on or power cycling of electrical sockets

Restart over the Web

Mobile app (LAN/Cloud)

Central web interface (NETIO Cloud)

Configurable sequence for switching sockets on after power-up

Drivers for AV media/installations (Neets, Crestron, Control4, ...)

FEATURES

- 3x output (electrical socket)
- Each output can be switched on / off
- Methods for controlling each output
  - WEB browser
  - Mobile App (NETIO Mobile 2)
  - Open API (7 protocols)
  - NETIO Cloud

- **NETIO Mobile2**: 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 current.
- **PowerUp State:** Default output state (On/Off/Last state)
- **PowerUp Delay:** Delay before switching the output on
- **IOC** (Independent Output Control) – output state is unaffected by firmware update

- **Open API (protocols)**
  - JSON over http
  - Modbus/TCP
  - MQTT-flex
  - Telnet
  - SNMP (SNMP v3 upon request)
  - XML over http
  - URL API – http get

- Supported protocols: http, DNS, NTP, uPNP, DHCP, SNMP, MQTT, ICMP, Modbus/TCP

SUPPORT FOR USERS AND DEVELOPERS

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

SPECIFICATIONS

3Px PRODUCT MODELS

- PowerBOX **3PF:**
  3x Type F (Schuko) socket/230V/Max 16A
- PowerBOX **3PE:**
  3x Type E (FR) socket/230V/Max 16A
- PowerBOX **3PG:**
  3x Type G (UK) socket/230V/Max 13A

POWER

- Power input: Electrical plug + 1.6m cable
- Power output: 3x electrical socket
- Each output: On/Off (SPST-NO relay, IOC)
- **ZVS** (Zero Voltage Switching): Yes
- Internal consumption: 2-5 W

INTERFACE

- LAN 10/100 Mbps (RJ45)
- LED indicators in the RJ45 jack

ELECTRICAL MEASUREMENTS

- Supports electrical measurements: No

PACKAGE CONTENTS

- NETIO PowerBOX 3Px
- QIG (printed Quick Installation Guide)

DIMENSIONS / WEIGHT

- PowerPOX 3Px: 320 x 62 x 62 mm/0.9 kg
- Package: 325 x 74 x 224 mm/1.15 kg
- Wall mount bracket MK1 - as optional accessory

OPERATING CONDITIONS

- Temperature: -20 °C to +75 °C
- For indoor use only (IP30)

STANDARDS: 1999/5/EC, 2006/95/EC, EN 60950-1, EN 62368 EN 60950-1, EN 62368, EN 50581:2012, EN 50581: 2012

NETIO PowerBOX 3PF	Electrical sockets controlled over a LAN. 3 outputs of Type F (Schuko) 230V/16A, used in most of Europe.
NETIO PowerBOX 3PE	Electrical sockets controlled over a LAN. 3 outputs of Type E (FR) 230V/16A, used in France, CZ, SK, PL.
NETIO PowerBOX 3PG	Electrical sockets controlled over a LAN. 3 outputs of Type G (UK) 230V/13A, used in UK and Ireland.
NETIO MK1 PowerBOX	Set of two brackets for mounting a PowerBOX 3Px product on a wall.