



[ENG] NetPing External Power Sockets 1-wire
888S0301 & 888S0401, User Guide

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[ENG] [888] 1. Introduction

This guide will help you get acquainted with the specialities and features of the **NetPing External Power Sockets 1-wire 888S0301 and Netping External Sockets 1-wire 8880401**, get an idea of its functionality and technical characteristics and prepare the devices for operation.

This User Guide is designed for network administrators and users, who set up or operate the device. To work with the device properly, a user must have an idea about the principles of building and functioning of local networks as well as possess the next knowledge and skills:

- Basic knowledge in the area of local and global networks;
- Basic knowledge in the area of architecture and principles of work of TCP/IP networks;
- Basic knowledge in the area of architecture and principles of work of Ethernet networks.

[ENG] [888] 2. Limitation of Liability and Copyright

Limitation of Liability and Copyright

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Developer and manufacturer:

NetPing east Co Ltd.

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[ENG] [888] 3. Overview and Main Features

The external view



Main features

Specifications	Values
Voltage supply range	100..250V/50-60Hz
Short-circuit relay protection	A built-in automatic switch
Total power output	up tp 3.5 kW
Power output per channel	up to 1.5 kW
Number of power control channels	8
Operating Temperature Range	-30C up to +50C (without moisture condensation, normal air humidity)

[ENG] [888] 4. Connectors and Indication Elements

Front panel



Element	Function
Sockets	Independent power control channels (1.5 kW per channel, no more than 3.5 kW for all the channels)
OUTLETS 1..8	Sockets operation indicators (on - switched on, off - switched off)
MGMT 1..2	Configurable power reset buttons on sockets (the configuration is carried out from a host device)
1W	1W host connection interface. The passive splitter does not increase the total length of the 1W network.
PWR	An indicator of the device operation
FUSE	Safety fuse

Back panel



Element	Function
INPUT	Power terminal

[ENG] [888] 5. Installation and Connection

1. Remove the device from its packaging and mount it onto the place you need.
2. Connect the device to the host.



Four 1W ports on the device are a passive splitter which does not increase the total length of the network. They can be used to connect sensors and extension cords.

3. Connect the input power cable to the device.



4. Connect the devices, which you need to control, to the output sockets.



[ENG] [888] 6. Delivery Package

The delivery package consists of:

- NetPing External Power Sockets 1-wire 888S0301 or NetPing External Power Sockets 1-wire 888S0401 — 1 pc.;
- A package case — 1 pc.;
- A brochure — 1 pc.;
- Hangers to fix on the rack — 1 pc.;
- Power cable IEC-320-C19 to CEE7 VII, 1,8 meters — 1 pc.;

[ENG] [888] 7. Warranty

The manufacturer guarantees normal operation of the product within 24 months from the date specified on the warranty sticker if a buyer follows operating and storage conditions. Manufacturer warranty applies only to failure of a device which occurred because of defects in manufacturing process of products and components used. If during a warranty period the manufacturer receives a notice of such defects, it will repair or exchange the product (by its own discretion). If the manufacturer is unable to repair or replace a flawed item during a period of time determined by the current legislation, the manufacturer according to a customer's wish can return the amount paid for the product at the time of purchase. The manufacturer provides a limited warranty on firmware and device configuration software. In case of detecting any errors in the software which became known to the manufacturer on its own or from a customer, the manufacturer will fix these errors within a reasonable time and provide an update for the customer. Only the errors that block normal use of the device at conditions and for performing functions described in this User Guide are a subject to mandatory fix. This warranty does not apply to cases when defects appear because of: a misuse of a device, any modifications of a device without a written permission of the manufacturer, opening up a device (a warranty sticker on the case of a device is damaged) except cases foreseen by this description; repairing by unauthorized personnel, using or storing a device out of the range of allowable temperature and humidity, pressure, a software modification, and the reasons, listed below:

- A device failed because of the problems in a public electric network, plugging a device into power supply networks with invalid parameters, absence of grounding, etc. (power fluctuations and surges, overloading, etc.);
- A device failed because of having liquid inside;
- A device failed as a result of extreme temperatures;
- A device failed because of mechanical damage;
- A device failed because of connecting a power supply unit with invalid output voltage or a defective power supply unit;
- There are foreign objects, insects, etc inside the enclosure;
- During operation a voltage bigger than an allowable voltage range by the Ethernet standard has been supplied to the ports of a device (valid for devices with built-in Ethernet ports).

[ENG] [888] 8. Operation Conditions and Storage

It is allowed to use devices only in a perfect technical condition and only according to their intended purpose according to the user`s guide. The device must be use according to «[Safety Rules for Working with Electrical Equipment](#)».

It is necessary to eliminate all the factors which can lead to the decreasing of the safety level of the device using.

This device is designed for continuous round-the-clock operation only in closed spaces. The room intended for the operation of the device must meet the fire safety requirements.

In operating conditions the device is resistant to air temperature from -30°C up to +50°C (without moisture condensation, at normal humidity).

The design of the device provides for reliable continuous operation during a long time without the need for special maintenance. The advanced functionality of remote setting and configuration allows you to change any parameters remotely and centrally for a large number of devices.

If you have any problems in the process of the opeation of the device and if you need additional information write to our technical support support@netpingdevice.com.

The storage of the device is carried out at the temperatures from -40 up to +70 °C and atmospheric pressure from 675 up to 800 mm Hg.Art. The storage of the device in the conditions with the extreme values of the temperature range should be carried out within 6 hours and no more.

The content of dust, vapors of acids and alkalis, corrosive gases and other harmful impurities that cause corrosion should not exceed the content of corrosive agents for type 1 atmosphere in storage rooms.

The transportation of the device can be carried our using any kind of transport, in packaging and subject to protection from direct exposure to atmospheric precipitation at temperatures from -40 to +70 ° C. The transportation of the device in the conditions with extreme values of the temperature range should be carried out withon 6 hours and no more.

Before unpacking after transportation at low temperatures, the device must be kept in the package under normal conditions for at least one hour.

The device is not dangerous for life, people`s health and the environment, and after the end of its service life (operation), it must be disposed of in a service organization in accordance with the norms, rules and methods in force at the place of disposal. Recyclable. Do not dispose it with household waste.

[ENG] [888] 9. Additional Documents and Links

The official website of the manufacturer: <http://www.netpingdevice.com>

Articles with examples of application, answers to frequently asked questions and news about the release of new software versions can be found in the official blog of the company: <http://www.netpingdevice.com/Blog>

In case of any problems during the operation of the device and for additional information, please contact the technical support at: support@netpingdevice.com

The pages of the devices on the manufacturer`s website:

- NetPing External Power Sockets 1-wire 888S0301;
- NetPing Externa Power Sockets 1-wire 888S0401.