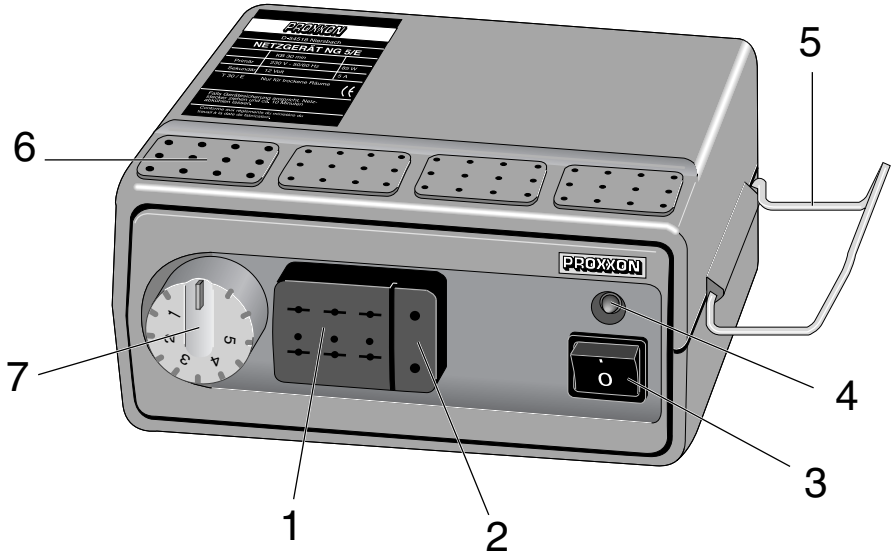


# PROXXON

NG 5/E



# Manual



**GB** Translation of the Original  
Operating Instructions  
**PROXXON - POWER SUPPLY  
UNITS NG5/E**

## Description

PROXXON-Power Supply Units have been developed to work efficiently and are built strictly in accordance with the VDE- safety regulations: (German Electrical Engineering Association)

- Compact construction, Noryl casing (particularly heat resistant)
- ports for instruments, hinged storage hooks
- Electronic overload protection (PTC)
- Thyristor regulated speed control

## Technical Details

Mains supply	230 V~, 50-60 Hz
Off load voltage	16 V
Operational voltage	12 V (at 5 A)
Primary rating	85 W

For use in dry environments only



Protection class II device



Please do not dispose off the machine!



## Overview

### Legend (see diagram)

- 1 Socket for PROXXON Electrical Appliance
- 2 Universal connector for banana plug (Ø 4 mm)
- 3 On and off switch
- 4 LED display
- 5 Hooks for electrical tools
- 6 ports for instruments
- 7 Control knob

## Safety Considerations

For your own safety please observe the following:

- Power Supply Units are only to be stored and used in dry rooms.
- Power Supply Units are to be kept out of children's reach.
- Remove the mains plug before cleaning the Power Supply Unit.
- Keep the mains power cable away from the working area.
- Check the power cable regularly. If it is damaged, it must be replaced at an authorized service center.
- Power Supply Units are to be opened only by authorized service personnel.
- If the Power Supply Unit cuts out due to overloading, then immediately switch off the electrical device which is attached (danger of uncontrolled running).
- Switch off the Power Supply Unit after use
- Do not use the Power Supply Unit for purposes other than intended.
- Do not use the Power Supply Unit in the vicinity of inflammable gases or liquids.

## Instructions for Use

1. Ensure that the electrical appliance is switched off before connecting to the Power Supply Unit.

### ***Important!***

- Take the necessary safety precautions to prevent uncontrolled start up of the electrical appliance when connecting the Power Supply Unit (e.g., hold the appliance securely).**
2. Connect to mains. Press switch **3** to turn on. Red LED lamp **4** indicates standby.
  3. Connect the electrical appliance to the Power Supply Unit. Socket **1** has a safety mechanism preventing damage if it were to be poled incorrectly.

**Note:**

**When using Banana plugs ensure correct polarity. Connect the red banana plug to the Plus-Pole. Connect the black or other-colored banana plug to the minus pole. Incorrect pling can destroy the electrical appliance. Further technical appliances can release themselves from drill chucks or collet chucks.**

4. When working use the on off switch on the electrical appliance. After working turn off the Power Supply Unit using switch 3.

**Note:**

**Electrical appliances should not be used continuously for more than 15 minutes. If overloaded the Power Supply Unit will switch off automatically. If this occurs switch off the Power Supply Unit using switch 3 or remove the mains plug Leave to cool down for about 10 minutes after which the Power Supply Unit is ready for use again. See points 1-4.**

**Note:**

**Up to 4 electrical appliances can be connected to the Power Supply Unit. However simultaneous use of several appliances is not permitted.**

### **Speed Control**

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The NG5/E Power Supply Unit has a speed control feature via the control knob 7 Turning it anticlockwise to the stop = slowest speed. Turning it clockwise to the stop = fastest speed.

If the electrical device begins to stall / stutter during slow speed operation, either increase the speed slightly or increase the load on the device: The thyristor control functions more effectively at higher current levels.

If using the NG5/E Power Supply Unit with an electrical appliance, which likewise is thyristor regulated, it must be set to maximum. The correct speed should then be set on the electrical appliance itself

**Disposal:**

Please do not dispose of the device in domestic waste! The device contains valuable substances that can be recycled. If you have any questions about this, please contact your local waste management enterprise or other corresponding municipal facilities.

### **EC Declaration of Conformity**

Name and address of the manufacturer:  
PROXXON S.A.  
6-10, Hårebiërg  
L-6868 Wecker

Product designation: NG 5/E  
Article No.: 28704

In sole responsibility, we declare that this product conforms to the following directives and normative documents:

**EU Low Voltage Directive** 2006/95/EC

**EU EMC Directive** 2004/108/EC

Date: 25.11.2013



Dipl.-Ing. Jörg Wagner

PROXXON S.A.  
Machine Safety Department

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**GB** **Service note**

All PROXXON products are thoroughly inspected after production. Should a defect occur nevertheless, please contact the dealer from whom you purchased the product. Only the dealer is responsible for handling all legal warranty claims which refer exclusively to material and manufacturer error. Improper use, such as capacity overload, damage due to outside influences and normal wear are excluded from the warranty. You will find further notes regarding "Service and Spare Parts Management" at [www.proxxon.com](http://www.proxxon.com).