

DPMU

Dual Power Monitoring Unit



Ratio
ELECTRIC

Manual

Security Advise

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Security Advise

The device must be installed only by qualified personnel according to the following installation and operating instructions. The manufacturer does not accept responsibility in case of improper use of the device and particularly any use of equipment that may cause personal injury or material damage.

The device contains no user-serviceable parts. All repairs must be performed by factory trained service personnel.

Check that the power cords, plugs and sockets are in proper condition.

The device can be connected only to 230V AC, 50 or 60 Hz sockets.

Always plug the device into properly earthed power sockets.

The device is intended for indoor use only. Do NOT install them in an area where excessive moisture or heat is present.

Because of safety and approval issues it is not allowed to modify the device without our permission.

Please note the safety advises and manuals of connected devices, too.

The device is NOT a toy. It has to be used or stored out of range of children.

Packaging material is NOT a toy. Plastics have to be stored out of range of children. Please recycle the packaging materials.

In case of further questions, about installation, operation or usage of the device, which are not clear after reading the manual, please do not hesitate to ask our support team.

Used safety symbols:



This symbol is intended to alert user to the presence of important operating and service instructions in the literature accompanying this appliance.

1. Description

With the DPMU power unit it is possible to monitor drawn current of 2 power sources in one 19" rack.

2. Hardware

2.1 Extend of Delivery

Included in delivery are:

- **Power Distribution Unit** for 19"-Installation
- Manual

2.2 Installation

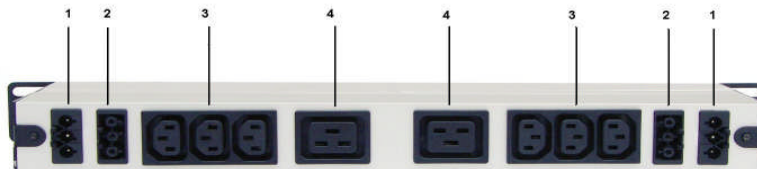
- 1.) Connect 2 power supply cables to the power socket (1) at the rear side of the DPMU and the product is ready for usage.
- 2.) Connect the devices to the active outlets at the rear side of the DPMU

Figure 1 FRONT



1. Schuko outlet 230V max. 16A
2. Panel fuse 16A T for Schuko outlet only
3. Current meter

Figure 2 BACK



1. Inlet 230V max. 16A GST18/3
2. Outlet 230V max. 16A GST18/3
3. Outlet 230V max. 10A IEC 60320 C13
4. Outlet 230V max. 16A IEC 60320 C19

3. Features

3.1 Technical information

Model	: PLP1020
Output	: 4x 2 IEC 60320/C13 (10A max.) : 2x GST18/3 (16A max.) : 2x IEC 60320/C19 (16A max.)
Input	: 2x 16A
Power consumption	: max. 2 W
Voltage	: 230 VAC 50Hz
Fuse	: 2x 16A T
Operating environment	: temp. 0°C-50°C / relative humidity: 20 to 80%
Environmental Protection	: IP20
Max. operating altitude	: 2000 m
Electrical Protection	: Class 1
Indoor use only	
Weight	: 2,3 kg
Dimensions	: 19" / 1 rack unit

4. Service

Do not open or remove covers, this way expose you to dangerous voltage.

5. Cleaning

Unplug the set from the wall outlet. Do not use liquid cleaners but lightly dampened cloth.

6. Support

In case of further questions about installation or operation, please have a look on www.ratio.nl or contact our support at info@ratio.nl

7. Contact



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DECLARATION OF CONFORMITY

The manufacturer

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hereby declares that the following products

Product name

DPMU (Dual Power Monitoring Unit) PLP1020

are in accordance with the following European directives

Reference no.	Title
89/336/EWG / 89/336/EEC	Electromagnetic Compatibility
72/23/EWG / 73/23/EEC	Low Voltage Electrical Equipment
93/68/EWG / 93/68/EEC	CE marking

and comply with the following European standards

Standard	Title
EN 55022: 1998 + A1, A2	Information technology equipment: Radio disturbance characteristics – Limits and methods of measurement
EN 55024: 1998 + A1, A2	Information technology equipment: Immunity characteristics - Limits and methods of measurement
EN 61000-3-2:2000	Electromagnetic compatibility Part 3-2: Limits for harmonic current emissions
EN 60950:2000	Safety for Industrial Control Equipment

Nijkerk, 03.04.2009

J.A. Snaak, managing director

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