


General operation and safety information [Adapter]:

The Producer Noll&Weiberg GbR reserves its right of correcting misprints, false information and product changes due to general technical progress at any time without any announcement.

Advisory

 **Warning!**

Annotations like this mark warnings for possible safety hazards and dangerous situations. Not following those advisories may result in death, bad or light injuries.

1. General

All details written in this information sheet apply solely to the devices described in it.

Besides this information sheet there may be additional manuals for several parts coming with this shipment. Those have to be paid attention to as well.

In addition to this sheet you need to follow the national rules of the law (e.g. prevention of accidents, environmental laws) you use the device in.

2. Contact adress

Noll&Weiberg GbR

Weinbergstraße 51A

64285 Darmstadt

E-Mail: info@nw-powersolutions.de

Tel: +49(0) 6151 7852492

3. Target audience

Electrically qualified person:

Disassembling, assembling and maintenance of the device must only be done by an electrically qualified person (if not mentioned otherwise).

The electrically qualified person must meet the following demands:

- Following the manual
- Usage of the device not otherwise as mentioned
- Knowing and applying the electrical rules
- Knowing and applying the general and specific safety rules and standards for preventing accidents
- Ability to recognize and avoid possible safety hazards
- Handing over the manual to the user / operator of the device
- Briefing the user / operator of the device for correct and safe usage

User / Operator:

Operating the adapter can be done by electrically instructed persons or ordinary people. The user / operator is responsible for the correct and safe usage of the adapter and must meet the following demands:

- Following the manual
- Usage of the device not otherwise as mentioned
- Briefing of every person that may use the device
- Recognizing risks and avoid possible safety hazards
- Consulting an electrically qualified person in case of any error
- Protecting any person who might not be able to recognize any danger (e.g. children)
- Storing the manual permanently for later use

4. General safety information:

Carefully read this information sheet before you use the adapter and follow it at any time.

Liability for any damage does not apply if you won't follow the rules in this manual.

Keep this information sheet available near the device and hand it over to the next user / operator.

Several operations must be executed only by an electrically qualified person.

5. Intended purpose

The mentioned adapter produced by the Noll&Weiberg GbR is designed to be used indoors as well as outdoors. The degree of protection is IP44.

The adapter can be used in the industry, on construction sites, for private matter or at markets.

It is intended to provide the correct voltage, current and an appropriate connector in environments where the physical circumstances won't apply to the requirements of the device that has to be operated. Therefore the specifications and requirements of the operated device must be respected and have to comply with the specifications and requirements of the adapter.

In case of the measuring adapter (Schuko-plug to 5-pin CEE-connector) you have to consider that you can't operate a three-phase alternating current device.

6. Initial operation

The adapter is controlled for its electrical safeness by the producer before shipping. However it is not completely impossible that damage will be happening while transport is done. That is why we are asking you to check the adapter after receiving for any optical damage or deficits. Especially look for damages or cracks on the housing of the connectors or damages on the isolation of the cord. Also consider checking the pull-relief of the connectors if it fits properly. If you recognize any damage please contact us under the address given in item 2. If you don't recognize any damage you may continue with item 7 (Initial operation and operation).

7. Initial operation and general usage

The adapter can be operated by ordinary people (except children) that are not electrically qualified according the DIN VDE 1000-10:2009-01 as long as the intended use is respected. Before initial use it is absolutely necessary that the device to be operated and the energising source are checked for their electrical safeness. The process and range of those checks can be looked up in the manuals of the specific devices. It has to be done by an electrically qualified person.

Warning!

At least a visual inspection has to be done and it has to be ensured that the energising source is fused according to the regulations. The examination has to be done by an electrically qualified person that meets the demands of item 3. Especially make sure the usage of the adapter in the given environment is even possible and that the rules and regulations are still followed.

Furthermore it is necessary that the specifications and requirements of item 5 conform to every component and that the function of the operation is given. If these criteria are fulfilled you may use the adapter. If possible make sure you first turn off the load or device before connecting or disconnecting the adapter.

In case of any damage or error happening to the adapter whilst in operation (e.g. mechanical impact) it is needed to be eliminated immediately. If necessary the adapter has to be put out of operation by an electrically qualified person.

Danger!

Risk of injury by a damaged device.

Danger of bad injuries or death.

- Never use the device if it shows visual damages
- Mark the device if it is damaged so it won't be operated by any other person
- Immediately let an electrically qualified person eliminate the damage
- Let an electrically qualified person put the device out of operation

8. Maintenance



Before any maintenance work it is absolutely necessary that the adapter has been disconnected from any energized source and device. Also it is recommended that the adapter is visually inspected regularly before operation.

Especially look for any damage or crack on the housing of the connectors and the isolation of the cord.

Furthermore it is recommended that the adapter is checked at least once a year by an electrically qualified person. The responsibility lies within the executing company or by the electrically qualified person. The following items of examination should be considered at least:

- Visual inspection
- Measuring of the isolation resistance
- Measuring of the protective conductor resistance

If the adapter is used under hard or mechanically demanding circumstances it is recommended to repeat the examination more regularly. National regulations have to be considered regarding the process of testing and its regularities.

9. Storage and disposal

Storage of the device:

For proper storage and to guarantee the undisturbed operation of the device the following rules have to be followed:

- Clean the device before you store it
- Store the device in a dry place at a temperature between 0 – 40 °C

Disposal of the device:

The device has to be put out of operation before it has to be disassembled and properly disposed.

The national laws and regulations of the particular country for disposal have to be respected.