



553139A



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COUNTIS P14

HAZARDS AND WARNINGS

The term “device” used in the paragraphs below refers to the COUNTIS P14.

The assembly, use, servicing and maintenance of this equipment must only be carried out by trained, qualified professionals.

Failure to follow the procedures given in these instructions does not imply liability on the part of the manufacturer.

This safety warning sheet does not contain all of the safety measures for the operation of the equipment (module, device), because special operating conditions, local code requirements or regulations may necessitate further measures. However, it does contain information which must be read for your personal safety and to avoid material damages.

This information is highlighted by a warning triangle and is represented as follows, depending on the degree of potential danger.



WARNING!

This means that failure to observe the instruction can result in death, serious injury or considerable material damage.



CAUTION!

This means hazard of electric shock and failure to take the necessary safety precautions will result in death, serious injury or considerable material damage.

RISK OF ELECTROCUTION, BURNS OR EXPLOSION

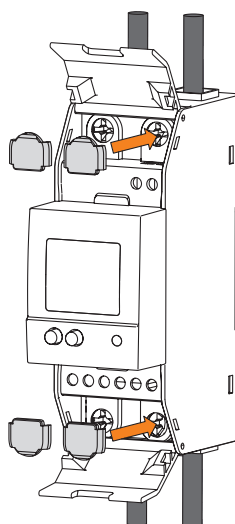
- Only duly authorised and qualified personnel may work or install/uninstall the device.
- The instructions are valid together with the specific instructions for the device.
- The device is designed only for its intended purpose as set out in the instructions.
- Only accessories authorised or recommended by SOCOMEC may be used in association with the device.
- Before proceeding with installation, maintenance, cleaning, disassembly, connection, or maintenance work, the device and system must be cut off from the mains to avoid electrocution and damaging the system and device.
- This device is not designed to be repaired by the user.
- For any questions related to the disposal of the device, please contact SOCOMEC.
- Use only insulating tools.
- Install and use the meter only in a dry, indoor environment.
- Do not mount the meter in an explosive area or expose the meter to dust, mildew and insects.
- Make sure the used wires are suitable for the maximum current of this meter.
- Make sure the AC wires are connected correctly before applying current/voltage to the meter.
- Unused low-voltage circuits must be connected to earth in accordance with IEC 62052-31. Connect terminal 9 to earth if the RS485 interface is not used, and connect terminal 6 to earth if the pulse outputs are not used. If both pulse outputs and RS485 are not used, there is no need to earth any additional terminal.
- Do not touch the meter connecting clamps directly with your bare hands, with metal, blank wire or other material as you may get an electrical shock.



Failure to comply with the instructions of the device and this safety information can cause bodily injury, electric shock, burns, death or damage to property.



After connecting the wires to the terminals 1/2/3/4, please make sure to install the 4 supplied isolating caps on the product as shown on the picture.



RISK OF DAMAGE TO THE DEVICE

To ensure that the device operates correctly, make sure that:

- The device is correctly installed.
- There is a maximum voltage at the voltage input terminals of 276 VAC phase-neutral.
- The network frequency indicated on the device is observed: 50 or 60 Hz.
- There is a maximum current of 100 A at the current input terminal.
- Make sure the protection cover is placed after installation.
- Never break the seals and open the front cover as this might influence the functionality of the meter, and will avoid any warranty.
- Do not drop, or allow physical impact to the meter as there are high precision components inside that may break.
- The maximum impact IK level is: IK06 (1 J).



Failure to respect these precautions could cause damage to the device.

RESPONSIBILITY

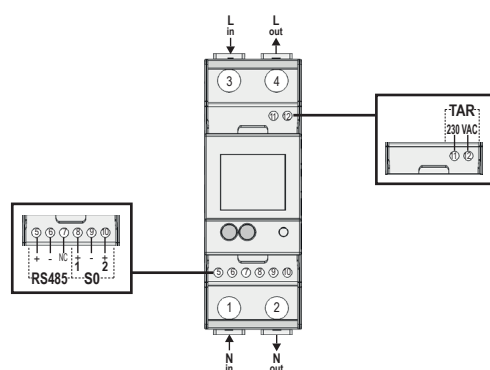
- Assembly, connection and use must be carried out in accordance with the installation standards currently in force.
- The device must be installed in accordance with the rules given in this manual.
- Failure to observe the rules for installing this device may compromise the device's intrinsic protection.
- The device must be positioned within an installation which complies with the standards currently in force.
- Any cable which needs to be replaced may only be replaced with a cable having the correct rating.

PRELIMINARY OPERATIONS

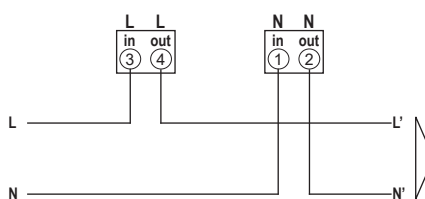
To ensure the safety of staff and the equipment, it is vital to read and absorb the contents of these instructions thoroughly before commissioning.

Check the following points as soon as you receive the package containing the device:

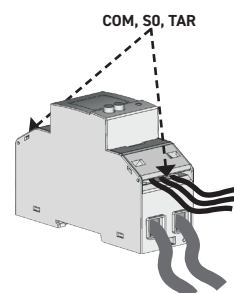
- The packaging is in good condition.
- The device has not been damaged during transportation.
- The device reference number conforms to your order.
- The package includes:
 - 1 device
 - 1 sealing kit (for COUNTIS P14)
 - 4 terminal caps
 - 1 Quick Start guide
 - 1 safety warning sheet (document réf. 551700)



1.2.1 - 1 phase, 2 wires, 1 current



(1) 100 A gG / 100 A class CC fuses.



Please use this QR code to access the Quick Start guide.
You will find all the information you need for a correct installation of the product.

COUNTIS P14 Resources

