


# METRALINE A3-16 / METRALINE A3-32 / METRALINE A3-63

## 3-PHASE CURRENT ADAPTER FOR THE CONNECTION OF TEST INSTRUMENTS TO 5-POLE CEE SOCKETS

### 1 SAFETY INSTRUCTIONS

	<p>Read and follow these instructions carefully and completely in order to ensure safe and proper use.</p> <p>The instructions must be made available to all persons who use the product.</p> <p>Keep for future reference.</p>
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#### Handling

- Carefully and completely read and adhere to the product documentation for the associated test/measuring instrument.
- Use the product only for its intended purpose in accordance with this documentation and the documentation for the associated test/measuring instrument.
- A3-63: Please note that the current carrying capacity of the internal contacts is 36A maximum.
- Use the product in undamaged condition only. Inspect the product before use. Pay particular attention to damage.
- If the product is damaged during use, for example if it's dropped, remove it from operation permanently and secure it against inadvertent use.
- If there are any signs of interior damage to the product (e.g. loose parts in the housing), permanently remove the it from operation and secure it against inadvertent use.
- If the product doesn't function correctly, discontinue use of the product and dispose of it properly.
- Unauthorized modification of the product is prohibited.

#### Operating Conditions

- Do not use the product after long periods of storage under unfavorable conditions (e.g. humidity, dust or extreme temperature).
- Do not use the product after extraordinary stressing due to transport.
- Do not expose the product to direct sunlight.
- Only use the product within the limits specified in the technical data and operating conditions (ambient conditions, IP protection code, measuring category etc.).

### 2 APPLICATIONS

Please read this important information!

#### 2.1 INTENDED USE / USE FOR INTENDED PURPOSE

With the 3-phase current adapters METRALINE A3-16 / METRALINE A3-32 / METRALINE A3-63, hereinafter referred to as "product", the test instruments

- PROFITEST INTRO,
- PROFITEST MF XTRA (M534H), PROFITEST MF XTRA (LEMONGREEN) (M534Y), PROFITEST MF TECH (M534K/M534X),
- PROFITEST PRIME (M506G), PROFITEST PRIME AC (M506H),
- METRALINE MF (M520F)

are connected to 5-pole CEE outlets (415 V), for which the following applies:

- METRALINE A3-16 to 16-A-CEE sockets,
- METRALINE A3-32 to 32-A-CEE sockets,
- METRALINE A3-63 to 63-A-CEE sockets.

To this end, the product is connected to the CEE socket first. Subsequently, the test instrument, in turn, is connected to the L1, L2, L3, N, PE sockets of the product.

Tests and measurements can then be performed in compliance with the product documentation of the respective test/measuring instrument. Safety of the user, as well as that of the product, is only assured when it's used for its intended purpose.

#### 2.2 USE FOR OTHER THAN INTENDED PURPOSE

Use of the product for any purposes other than those described in this supplement, or the product documentation for the associated test/measuring instrument, is contrary to use for intended purpose. Use for Other than Intended Purpose may lead to unpredictable damage!

#### 2.3 LIABILITY AND GUARANTEE




Liability and guarantee granted by Gossen Metrawatt GmbH complies with the applicable contractual and mandatory legal regulations.

### 3 PRODUCT

#### 3.1 SCOPE OF DELIVERY

- 1 METRALINE A3-16 (Z611O) / METRALINE A3-32 (Z611P) / METRALINE A3-63 (Z611R)
- 1 Supplement (this document)

#### 3.2 SYMBOLS ON THE PRODUCT

Symbol	Meaning
	Warning concerning a point of danger (attention, observe documentation!)
	European conformity marking
	The product may not be disposed of with household trash. You are required to comply with all applicable local regulations. Further information regarding disposal can be found on our website.

### 3.3 RELEVANT STANDARDS

The product has been manufactured and tested in accordance with the following safety regulations:

Directive 2014/35/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 26 February 2014 on the harmonization of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits	
Statutory Instruments – 2016 No. 1101 – Consumer Protection – Health And Safety – The Electrical Equipment (Safety) Regulations 2016	
EN 61010-031+A1	Safety requirements for electrical equipment for measurement, control and laboratory use – Part 031: Safety requirements for hand-held probe assemblies for electrical measurement and testing

### 3.4 TECHNICAL DATA

<b>Plug</b>	CEE, 5-pole, 415 V A3-16: 16 A A3-32: 32 A A3-63: 63 A (pilot contact: 10 A)
<b>Sockets</b>	Banana plug socket, 4 mm, for L1/L2/L3/PE/N A3-63 only: Banana plug socket, 2 mm, for pilot contact
<b>Connection Time</b>	only for the duration of the measurement (no continuous operation)
<b>Measuring Category</b>	CAT II 415 V <sub>AC</sub> , CAT III 415 V <sub>AC</sub> , CAT IV 415 V <sub>AC</sub> A3-63 pilot contact CAT III 250 V <sub>AC</sub>
<b>Ambient Conditions</b>	Operating temperature: 0 ... +60 °C Relative humidity: max. 80 % up to 31° C and declining in a linear fashion to max. 50 % at 40° C, no condensation allowed Elevation: max. 2000 m Place of use: indoors, outdoors (only in dry environments)
<b>Mechanical Design</b>	Pollution degree: 3 Protection: at the socket end: IP2X per DIN EN 60529 / IEC 60529 Length: 90 mm Ø: 64 mm Weight: approx. 320 g Fire protection: reinforced insulation between the terminals

## 4 STORAGE AND TRANSPORT

### ATTENTION

#### Improper Storage

Damage to the product.

- Store the product in a protected location and only within the limits of the permissible ambient conditions (⇒ "Technical Data" 2).

### ATTENTION

#### Improper Transport

Damage to the product.

- Transport the product only within the limits of the permissible ambient conditions (⇒ "Technical Data" 2).
- Ensure adequate protection when transporting the product.

## 5 MAINTENANCE

The device must be voltage-free both before and during cleaning. Disconnect the product from the test/measuring instrument for this purpose.

### ATTENTION

#### Damage to the Device

Unsuitable cleaning agents such as aggressive or abrasive cleansers and/or excessive moisture result in damage to the device.

- Use a dry cloth for cleaning.
- Avoid the use of cleansers, abrasives or solvents.
- Never immerse the product in water or other liquids.

Keep the outside surfaces of the product and any accessories clean and dry.

## 6 CONTACT, SUPPORT AND SERVICE

Gossen Metrawatt GmbH can be reached directly and simply – we have a single number for everything! Whether you require support or training, or have an individual inquiry, we can answer all of your questions here:

+49-911-8602-0

Monday to Thursday:

8 a.m. to 4 p.m.

Friday:

8 a.m. to 2 p.m.

Or contact us by e-mail at:

info@gossenmetrawatt.com

Do you prefer support by e-mail?  
support@gossenmetrawatt.com

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