

Digital flush-mounted voltmeter 72*72 mm

Operating instructions

For any questions contact our technical consultants:

Klinger & Born GmbH
In den Schlangenäckern 5
D-64395 Brensbach
Phone: +49 (0) 6161 - 9309 - 0
Fax: +49 (0) 6161 - 9309 - 10
Internet: www.klibo.de
E-Mail: mail@klibo.de
Mo to Fr 8.00 am to 16.15 pm

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Dear customer,
Thank you very much for buying this product.

This product meets the demands of the valid European and national guidance. The CE compliance is proven. To conserve the delivery conditions of the product and ensure a safe operation, you must read these operating instructions. Please consider all operation and security references!

Shipment

- Digital flush-mounted voltmeter
- Mounting clamp
- Operating instructions

Technical data:

Display:	7 segment LED, red, 3 ½ digits
Accuracy:	0.5 % +- 1 digit
Standard:	IEC51-1
Supply voltage:	AC 110 V ± 10 % 50/60 Hz AC 220V±10% 50/60Hz
Metering range:	AC 0-600V
Internal consumption:	< 3.2 VA
Signal load:	< 0.3 VA
Operating temperature:	5° C ... +40° C
Degree of protection:	IP 40 housing IP 20 connections Typ KLY-D3 IP 00 connections Typ CP-D72
Dimensions:	96 x 48 x 109 mm (BxHxT) Art.-No.: 4119.9301 72 x 72 x 71 mm (BxHxT) Art.-No.: 4119.9302

It is essential to observe the security instructions!

These operating instructions belong to the product and contain important references for start-up and operation. Please pay attention hereupon also when passing the product to a third party.

Make sure that you don't lose this operating instruction and store it at a secure place.

Security instructions

Damages caused by non-observance of this operating instruction lead to warranty void. For subsequent damage we disclaim liability.

- For security and licensing reasons (CE) unauthorised remodelling and/or modifying the product is not allowed. Don't disassemble the product.
- This product is not suitable for children. Children cannot estimate the risks using electric devices. When children are present act with particular caution.
- Don't operate the product when the connection cable is visibly damaged.
- Supply voltage must be observed! The specifications on the clamps of the the power supply must match with the mains voltage.
- Connect the measuring voltage to the specified clamps.
- Don't apply a higher voltage as specified.
- Electrical equipment must only be connected to power supplies that are sufficiently protected against over current.
- Handle the product with care. Hits, beats or falling down damage it.
- Don't touch the product with humid or wet hands.
- Make sure that the insulation of the entire product is neither damaged nor destroyed.

Before using the product make sure that it isn't damaged. If you determine damage the product must not be connected to the mains voltage!
Danger to life!

- If you don't use the product for a longer time, unplug it from mains voltage.
- Avoid the following ambient conditions at the installation site or during transport:
 - Wetness or to high humidity
 - Extreme cold or heat
 - Dust or flammable gas, vapours or solvent
 - Strong vibrations
 - Strong magnetic fields like close to machines or speakers

Operation

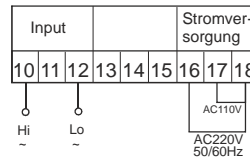
Before measuring make sure that the voltmeter has room temperature.

In case of no display check the circuit and make sure that the voltage matches the approved range.

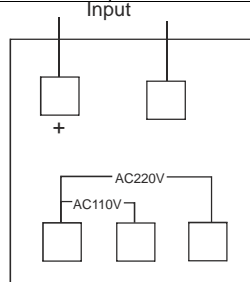
If there is no or a jittering display check the connection.

Please consider the following wiring diagrams:

Model KLY-D3V, Art.-No.: 4119.9301



Model CP-D72, Art.-No.: 4119.9302



Maintenance and cleaning

The product is maintenance free for customers. Never disassemble it. There are no parts inside the product that need to be maintained. Furthermore permission (CE) and warranty expire.

Never use solvent-containing detergents. The plastic housing and the label may get damaged.

Removal

Ensure that you dispose the product according to the applied legal regulations.