



Clip-on current transformers 50/100/400A

Installation of sensors

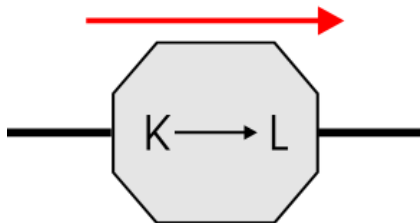
The 2-pole connectors of the current transformers are connected to the CAN-EZ3 and folded over the cores. When doing this, pay attention to the correct assignment (I1 - I3) in accordance with the voltage connections and a positive phase sequence.

Each current transformer must be closed carefully by clicking the snap fastener securely into place. The cables of the current transformers must not be extended.

Caution! The surfaces of the current transformer ferrite cores must be completely clean. Even tiny dust particles or greasy films can severely affect the measuring result. These surfaces must therefore be cleaned with a clean, lint-free cloth or clean fingers before closing.

PLEASE NOTE: Before snapping the current transformer onto the phase conductors, they must already be connected to the CAN-EZ3. Otherwise the current transformers can be damaged.

Energierichtung



Each external current transformer is labelled with "K → L", whereby the energy direction must be from K to L for positive metering.

Netz-Seite

Haus-Seite

If the energy direction is changed, the energy meter counts in the negative.

Technical data

↓ attribute transformer →	50A	100A	400A
Power range	max 10 kVA	max 20 kVA	max 70 kVA
Accuracy of power measurement	± 10W + 3% of current power	± 20W + 3% of current power	± 80W + 3% of current power
Max. peak current	70A	140A	430A
Max. cable diameter	Ø 10 mm	Ø 16 mm	Ø 35 mm
Dimensions W x H x D (mm)	31 x 27 x 41	32 x 42 x 46	61 x 47 x 85
Resolution	10 VA		

Setting up current transformers and phase simulation on the CAN-EZ3

General settings

Date / time / location

Current transformer
50 A

Phase simulation
No

In the menu **General settings** you will find the point **Current transformer**. This is where the type of current transformer that is being used can be specified (50/100/400A).

The parameter **Phase simulation** is also found here (see manual of CAN-EZ3)

Expert level access is required to change these settings.


Expert level access

To attain expert level access, open the main menu point **User**.

General settings

User

Navigation

Select **Expert** and enter the corresponding password. The standard password is **128**. Confirm you password by selecting .

User

Current user
User
Technician

Expert



Enter password

