

1 ER4100WM - Smart Three-Phase Wi-Fi Energy Meter & Voltage Monitor

Basic data and installation



SMART 2-IN-1 DEVICE ENERGY METER & VOLTAGE MONITOR

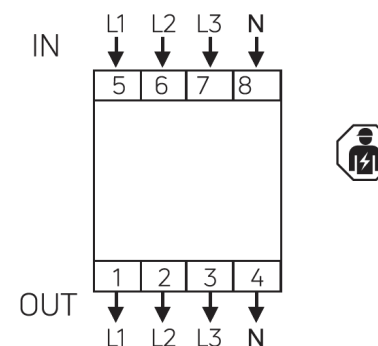
Live per-phase data, adjustable limits
and simultaneous switching of all three phases.

Input voltage	100-240 VAC per phase
Rated contact current	100 A / 250 VAC per phase
Mounting	35 mm DIN rail · 4 modules
Network	Wi-Fi 2.4 GHz

INSTALLATION STEPS

- 1 Fully isolate the electrical power supply.
- 2 Mount the ER4100WM on a 35 mm DIN rail.
- 3 Connect incoming L1, L2, L3 and N to terminals 5-8.
- 4 Connect the corresponding outgoing conductors to terminals 1-4 and verify the wiring.

WIRING DIAGRAM



Input: terminals 5-8 · Output: terminals 1-4.
Installation only by a licensed electrician.

BEFORE PAIRING

2.4 GHz Wi-Fi with Internet access.

GEYER Smart and Bluetooth enabled on the phone.

ELECTRICAL SAFETY

Installation only by a licensed
electrician, with power isolated.

CORRECT OPERATION

L1, L2 and L3 switch together;
neutral remains continuous.

2

Pairing and basic use

GEYER Smart | Wi-Fi 2.4 GHz



GEYER Smart

Download the app and create an account or sign in to your existing account.



SCAN TO DOWNLOAD

Select "Sign up" or sign in.

ADD & PAIR IN 5 STEPS

The phone must be connected to 2.4 GHz Wi-Fi with Internet access.

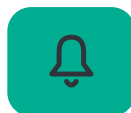
- Tap "+" or "Add Device".
- Hold the Wi-Fi button for about 10 s until the indicator LED flashes quickly.
- Enter the 2.4 GHz Wi-Fi password.
- Wait and tap "Done".
- Check measurements and voltage-monitoring settings.

BASIC FUNCTIONS



PER-PHASE VALUES

Voltage, current, power and power factor.



VOLTAGE MONITORING

Adjustable limits and alerts.



HISTORY & COST

Day, month, year and cost data.



SCHEDULES

Up to 30 schedules, daily or weekly.

IF PAIRING FAILS

Check 2.4 GHz Wi-Fi, Internet, Bluetooth and network password.

Repeat the add-device process in the app.

Hold the Wi-Fi button for about 10 s until the LED flashes quickly.



MANUALS & DOCUMENTS

Scan for the detailed user manual and the remaining product documents.