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WI-MEF-3-400

FOX 3-phase energy monitor, 400 A

Index: WI-MEF-3-400

Three-phase electricity consumption monitor-counter.

Works wirelessly over wi-fi.

Measuring range up to 400 A.

With 400 A transformers.

Monitoring of all relevant parameters of the electrical network.



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FUNCTIONING

DESCRIPTION



STEROWANIE Wi-Fi

ENERGY-3-400 - wireless (works on wi-fi network) electricity consumption meter. It records electricity consumption and monitors relevant network parameters - voltage, current, power, energy consumption. Access to the data is possible directly from the application or via a web browser. Communication is done wirelessly via wi-fi and the F&F cloud.



Access to data via the app or via a web browser



Remote access via wi-fi network and F&F cloud



Monitoring of network parameters

Application of the Energy-3-400 energy monitor (WI-MEF-3-200A)

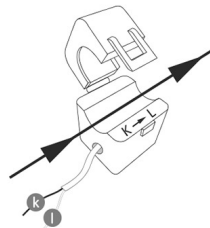
- Monitoring of **energy consumption** in domestic **installations**;
- Ongoing **measurement of power consumption** and values of **currents and voltages**;
- Use of recorded measurements to **detect** voltage or power consumption **overruns**;
- Control of energy production in **photovoltaic installations**;
- **Metering** of heat pumps.



Features of the Energy-3-400 Wireless Home Energy Meter (WI-MEF-3-400A).

- 3-phase, 2-way, 4-quadrant electricity consumption monitor, perfect for, among other things, the supervision of photovoltaic installations and heat pump metering;
- Monitors all relevant parameters of the electric grid;
- Records average, minimum and maximum values;
- Non-invasive mounting on the measured wires using miniature (56×87×42 mm) current transformers;
- Measuring range up to 400 A, suitable for domestic installations;
- High measurement accuracy;
- Access to measurement history via app or web browser;
- Communication via home Wi-Fi network. Remote access is guaranteed by the F&F Polish cloud;
- Operation via free mobile apps for Android and iOS;
- Fully Polish solution focused on security and user privacy;
- No hidden operating costs and guaranteed long-term product support;
- Installation of the wifi monitor-counter in the distribution box (DIN rail);
- Comes with 3 current transformers and antenna.

Miniature open current transformers are supplied with the device. No interference with the current wires is required to clip them onto the measured wires. However, special attention should be paid to how the wire is passed through the transformer and how the secondary side of the transformer is connected to the device.



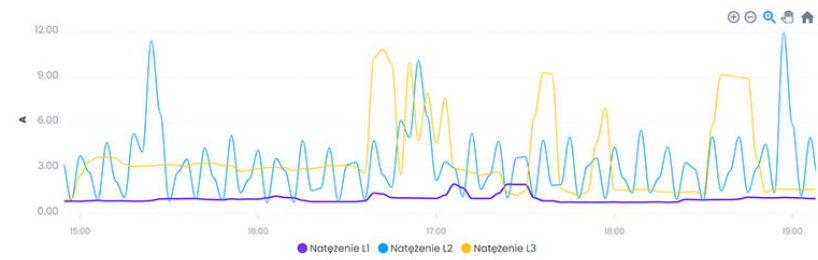
Miniature current transformer for fastening on measured wires.

**Dostęp do historii pomiarów
przez aplikację
lub przeglądarkę internetową.**



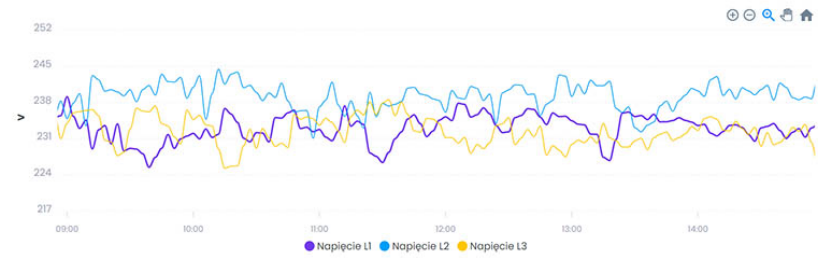
Prąd

Wartość natężenia z każdej fazy, zarejestrowana w przedziale czasu.



Napięcie

Wartość napięcia z każdej fazy, zarejestrowana w przedziale czasu.



Energia bierna

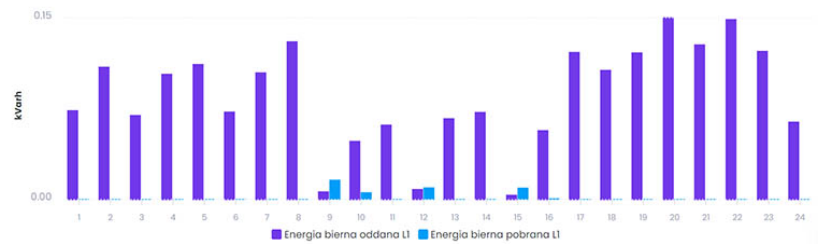
Wartość energii biernej pobranej i oddanej, zarejestrowana w przedziale czasu.

2022-11-30

Dzień

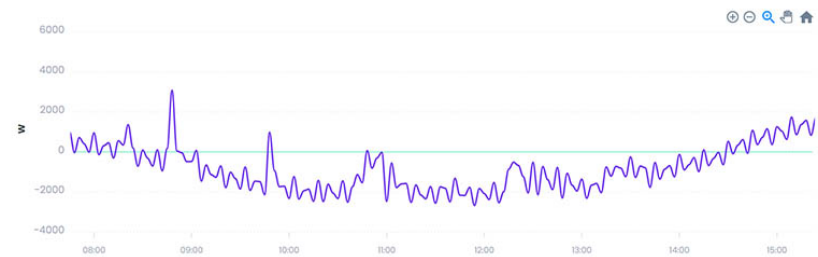
Miesiąc

Rok



Moc

Suma mocy z 3 faz, zarejestrowana w przedziale czasu.



FOX - Wi-Fi control system

Easy to install and rich in capabilities wireless home automation system.

Application for Android devices



App for iOS devices



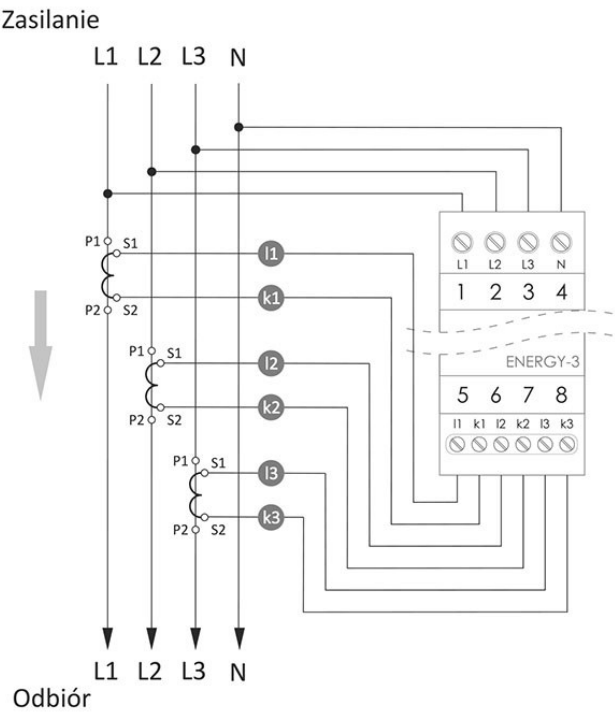
Links and interfaces

Telemetry

<https://telemetron.fhome.cloud>

Password reset	https://fhome.cloud/#/public/users/password-reset
RestAPI for Fox devices	https://github.com/fandf92/foxrestapiclient/wiki
RestAPI client in Python for Fox devices	https://github.com/fandf92/foxrestapiclient
Passwords and device sharing	Download
Google calendar integration	Download
Integration with iCloud calendar	Download
Outlook calendar integration	Download
Programmers	Download

SCHEME





Właściwy typ przekładnika należy ustawić w aplikacji Fox (dla modułu Energy 3): **Ustawienia modułu → Przekładnik pomiarowy.**

TECHNICAL DATA

Calibrated	No
Escapement mechanism	Yes
Frequency	50-50 Hz
Height	90 mm
Depth	65 mm
Width	35 mm
Width in number of modular spacings	2
Model	Measurement transformer
Power consumption	2 W
Nominal current (In)	400 A
Degree of protection (IP)	IP20
Type of interface	Other
Mounting method	DRA (DIN-rail adaptor)
Suitable for	Purchase/supply
Energy type	Effective power and reactive power
Pole type	Three conductor/four conductor

Accuracy class	B
Type of meter	Electronic
Nominal voltage (Un) L-L	400-400 V
Nominal voltage (Un) N-L	195-265 V
Max. current (Imax)	400 A
Measurement type load profile	No
EEC40 signature	No
With lock code	No
Tariff type	One-tariff
Approval	Domestic
Number of positions total (counter)	0

Manual

CE Declaration

Certificate