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WI-MEF-3-OPTI-100

FOX 3-phase energy monitor, 100 A

Index: WI-MEF-3-OPTI-100

With internal antenna.

Measuring range up to 100 A.

With 100 A transformers.

3-phase, 2-way, 4-quadrant electricity consumption monitor.

Perfect for monitoring photovoltaic installations, among other things



FUNCTIONING

DESCRIPTION



STEROWANIE Wi-Fi

Energy-3-OPTI-100 allows you to record electricity consumption and monitor important network parameters - voltage, current, power, energy consumption. Access to the data is possible directly from the application or via a web browser.



Access to data using the application or via a web browser



Remote access via Wi-Fi and F&F Cloud



Application

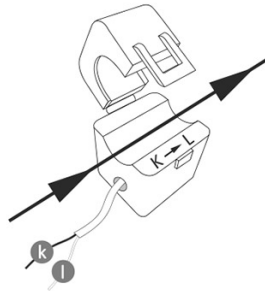
- Monitoring of energy consumption in domestic installations;
- Ongoing measurement of power consumption and values of currents and voltages;
- Use of recorded measurements to detect exceedances in voltage levels or power consumption;
- Controlling energy production in photovoltaic installations;
- Metering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

 Energy 3 - monitor parametrów sieci elektrycznej

Properties

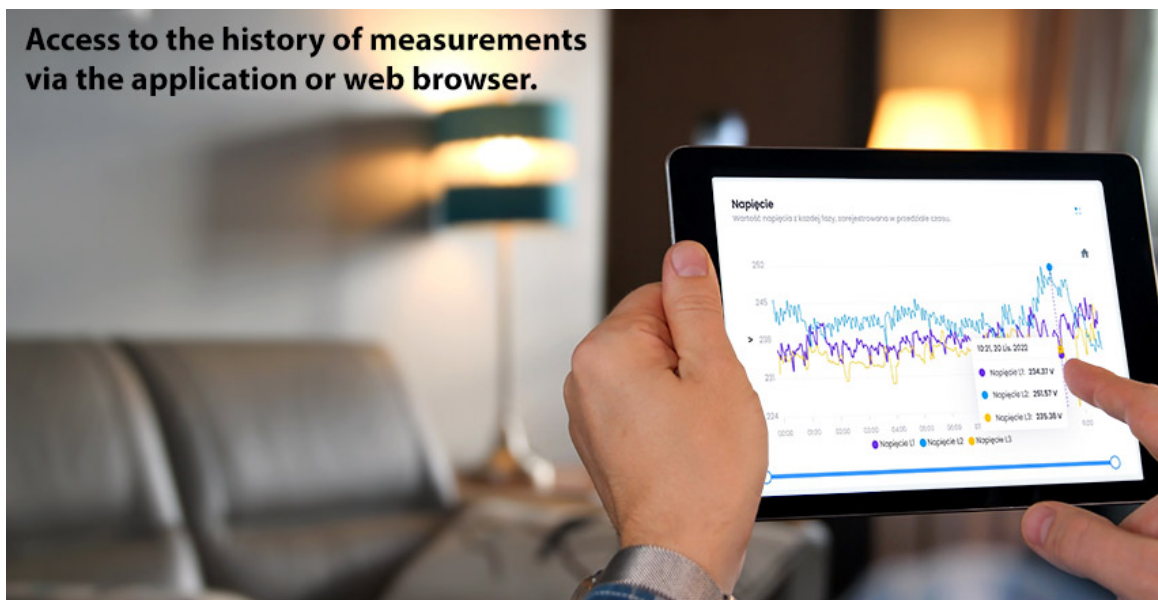
- 3-phase, 2-way, 4-quadrant electricity consumption monitor, perfect for monitoring photovoltaic installations, among other things;
- Monitoring of all relevant electrical network parameters;
- Recording of average, minimum and maximum values;
- Non-invasive installation using miniature (31,5×31,5×40,5 mm) current transformers;
- Measuring range up to 100 A, suitable for domestic installations;
- High measurement accuracy;
- Access to measurement history via app or web browser;
- Communication via home Wi-Fi network and remote access via the F&F Polish cloud;
- Free mobile apps for Android and iOS;
- Fully Polish solution focused on security and user privacy;
- No hidden running costs and guaranteed long-term product support;
- Mounting in a distribution box (DIN rail);
- Including 3 current transformers.

Miniature, open-ended current transformers are supplied with the unit. No interference with the current leads is required to clip them onto the measured leads, but special attention must be paid to the way the lead is passed through the transformer and to the connection of the secondary side of the transformer to the device.



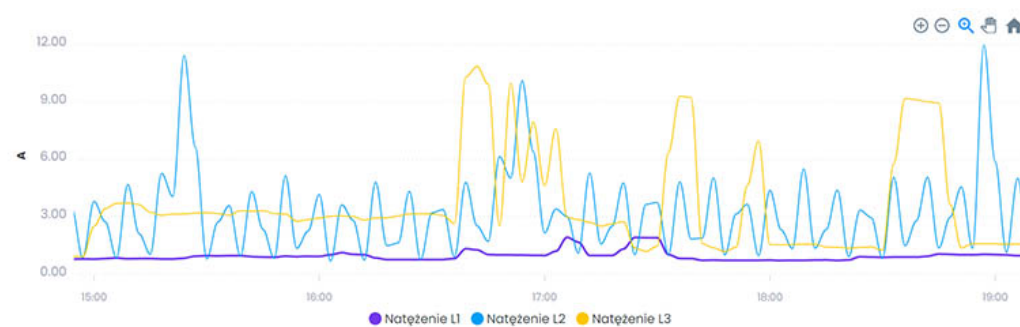
Miniature current transformer to be fastened on the measured conductors.

Access to the history of measurements
via the application or web browser.



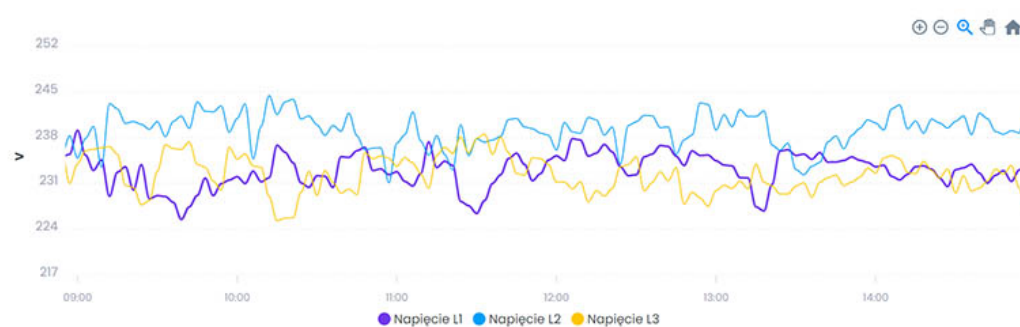
Prąd

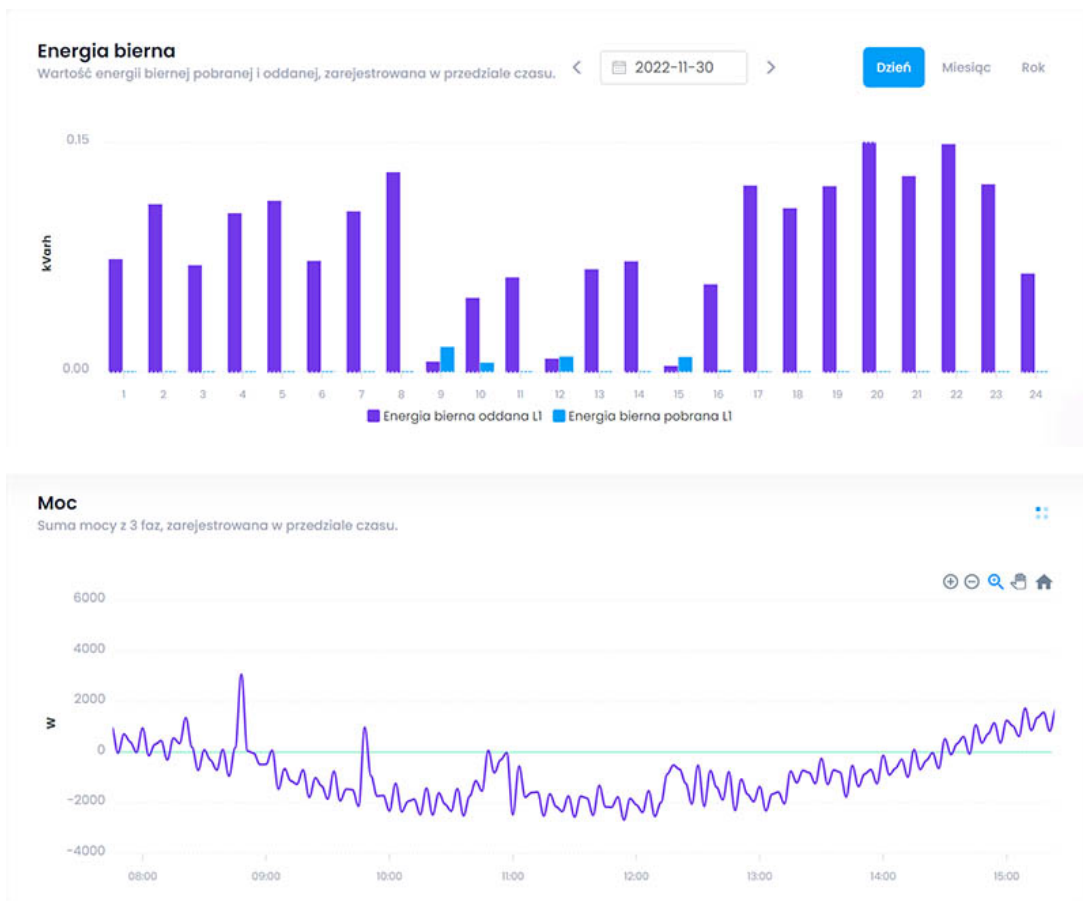
Wartość natężenia z każdej fazy, zarejestrowana w przedziale czasu.



Napięcie

Wartość napięcia z każdej fazy, zarejestrowana w przedziale czasu.





FOX - Wi-Fi control system

Easy to install and rich in possibilities, 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>

TECHNICAL DATA

Measurement type load profile	No
Escapement mechanism	Yes

Calibrated	No
EEC40 signature	No
With lock code	No
Type of meter	Electronic
Pole type	Three conductor/four conductor
Nominal current (In)	100 A
Max. current (Imax)	100 A
Nominal voltage (Un) N-L	195-265 V
Frequency	50-50 Hz
Power consumption	2 W
Model	Measurement transformer
Width in number of modular spacings	2
Width	35 mm
Depth	65 mm
Height	90 mm
Accuracy class	B
Energy type	Effective power and reactive power
Suitable for	Purchase/supply
Tariff type	One-tariff
Approval	Domestic
Mounting method	DRA (DIN-rail adaptor)
Type of interface	Other
Degree of protection (IP)	IP20
Number of positions total (counter)	0

Manual

CE Declaration

Certificate