

Cosmo Elektronik Beyazıt Mah Nurettın Cankurtaran Cad Akyurt ANKARA 0312 502 88 80 -0543 492 05 97 Cosmo@cosmoelectronic.com www.cosmoelectronic.com

ENERJİ KONTROL ÜNİTELERİ

NETWORK ANALYZERS

Power analyzers for energy control in industrial environment for Din Rail and panel mounting (96x96mm).

Suitable to be combined to Rogowski coils.



UPM209 | UPM309

Small size, high performance

FEATURES

















BENEFITS

- Compact
- · Generation of consumption profiles
- Alarm page on the webserver

· Excellent performance/price ratio

· Reduction of electricity consumption

APPLICATIONS

- · Energy audit
- Energy monitoring
- Load monitoring of single machines

SMART KIT: UPM209RGW UPM309RGW

Measuring is smart

FEATURES

















BENEFITS

Compact

- Fast installation
- Installation without switching off plant
 - · Kit ready to use
- · Full scale selectable on the field

APPLICATIONS

- Retrofitting
- Energy audit
- · Switchboards, generators etc.

UPA30 | UPA41 + PLUG-IN MODULES

FEATURES















APPLICATIONS

- Switchboards, generators etc.
- Energy monitoring
- Load monitoring of single machines

BENEFITS

- · Suitable to be combined with Plug-in Modules
- Multilingual manuals
- Easy to use





Compliance to IEC 61557-12



Cosmo Elektronik Beyazıt Mah Nurettın Cankurtaran Cad Akyurt ANKARA 0312 502 88 80 -0543 492 05 97 Cosmo@cosmoelectronic.com www.cosmoelectronic.com

MID ENERGY METERS

Single and three phase meters for consumption measurement and control, MID certified, with built-in communication or to be combined with communication modules.



UEM SERIES

Compact and versatile with built-in communication

FEATURES

















BENEFITS

- · Remote management
- For billing purposes
- Models with operating temperature up to 70°C
- . Single phase: direct connection 40A and 80A
- . Three phase: 1/5 A CT and direct connection 80A

- · Charging stations for electric vehicles
- Measurement of energy generated by renewable sources
- Totalization of the electric energy for single machine

UEC SERIES

Simple and reliable

FEATURES

















BENEFITS

- . Suitable to be combined with communication modules
- For billing purposes
- . Fully bi-directional 4-quadrant
- Single phase: direct connection 40A and 80A
- . Three phase: 1/5 A CT and direct connection 80A

APPLICATIONS

- Accounting and billing of consumptions in camp sites, malls, residential areas, naval ports, office buildings etc.
- · Measurement of energy generated by renewable sources

COMMUNICATION MODULES

Easy to install

FEATURES













BENEFITS

- . Suitable to be combined with **UEC** energy meters
- Compact
- · Easy to use
- · Possibility to switch the use according to the required application

APPLICATIONS

- Measurement of energy generated by renewable sources
- Totalization of the electric energy for single machine
- Totalization of consumptions for civilian and industrial buildings





Cosmo Elektronik Beyazıt Mah Nurettın Cankurtaran Cad Akyurt ANKARA 0312 502 88 80 -0543 492 05 97 Cosmo@cosmoelectronic.com www.cosmoelectronic.com

Flexible Rogowski coils to be combined with integrators or suitable measurement devices to achieve a compact measuring system.



MFC140 | MFC150 Excellence in the accuracy

FEATURES













BENEFITS

- Installation without interruption of plant
- Fast installation

- - Suitable for portable devices
- MFC150 can be combined with UPM209 and UPM309 (Smart Kit)
 - Rejection to the external current conductor

APPLICATIONS

- Retrofitting
- Very high current measurement
- Measurements in limited spaces

MFC190 High sensitivity

FEATURES













BENEFITS

- Installation without interruption of plant
- Fast installation
- Rejection to the external current conductor

 - It can be hanged on the measured conductor



APPLICATIONS

- Retrofitting
- Measuring devices, lab instrumentation Very high current measurement

FEATURES

















Flexible systems

APPLICATIONS

- Integrated part of a monitoring system
- Suitable to be combined with PLC
- · High current value (hundreds of kA)

BENEFITS

- · Single phase or three phase
- · Linear response in a wide field of frequencies
- . High current value
- Real RMS value output

PQ METERS - CLASS A

Class A Power Quality Analyzers certified according to IEC/EN 61000-4-30:2015 Ed.3 to monitor power quality both for industrial applications and utilities.



PQM4000 CT Class A: top of the range

FEATURES













- Data recording for analysis in accordance with EN 50160

- Bundled software for creating a report in accordance with EN 50160
- Evaluate the Energy Quality
 Multilingual user-friendly web interface
- Simultaneous recording of events and Min/AVG/Max values

- Recording and analysis of disturbances
 Motor inrush current study
 Monitor the electrical power supply
 Data center

POM4000 CLAMP Class A: touch the excellence

FFATURES













BENEFITS

- Data recording for analysis in accordance with EN 50160
- Bundled software for creating a report in accordance with EN 50160
- Evaluate the Energy Quality
 Multilingual user-friendly web interface
- Simultaneous recording of events and Min/AVG/Max values

- APPLICATIONS
- Recording and analysis of d
 Motor inrush current study
 Monitor the electrical powe
 Data center



