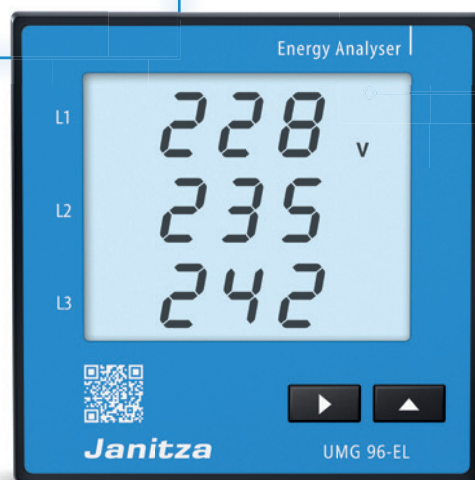Energy analyzer with Ethernet - UMG 96-EL

SIMPLY INTEGRATED - PRECISELY ANALYZED

Economical energy data acquisition for the front panel

Janitza®

SIMPLE SYSTEM INTEGRATION

PRECISE DATA FOR PRECISE DECISIONS

The value-driven UMG 96-EL energy analyzer helps you to control your energy costs and assists with billing and planning. The precise measurement data enables you to optimize your energy consumption and implement energy management.

The UMG 96-EL can be easily integrated into existing systems so that the measurement data can be evaluated without complications. The energy analyzer can be connected directly to the system via the Ethernet connection. The front panel display makes it easy to read the measured values directly on-site.

The UMG 96-EL also helps to protect your systems. The energy analyzer records numerous power quality parameters that provide indications of grid faults and anomalies.

This allows you to prevent malfunctions, protect your systems from damage, avoid premature wear, and increase your energy efficiency.

In addition, the integrated comparators offers the option to monitor limit values and set automatic alerts if they are exceeded. This allows you to be immediately notified of any critical electrical events in your grid and react promptly, helping guarantee production continuity and maintain safe building operation.

SPECIFICATIONS

MEASURING ACCURACY
- Active energy: Class 0.5 S
- Current: 0.2%
- Voltage: 0.2%

POWER QUALITY
- Early detection of anomalies
- Harmonics current up to the 40th harmonic
- Distortion factor THD-I/THD-U
- Rotating field components
- Display of waveform

COMMUNICATION
- Ethernet
- Modbus TCP/IP
- Efficient system integration

ALARM MANAGEMENT
- Comparator functionality
- Notification of critical events

PERIPHERALS
- RJ45

Further information:
www.janitza.com/96-el

UMG 96-EL
Part no.: 5235001

ABOUT JANITZA

Janitza is a German manufacturer of energy measurement technology, specializing in improving energy efficiency and ensuring a secure energy supply. The company offers tailored solutions designed to meet individual customer requirements across a wide range of industries.

PRODUCT RANGE

Janitza's portfolio includes innovative measuring devices and the perfectly integrated Power Grid Monitoring Software GridVis®, complemented by high-quality components. Customers worldwide benefit from solutions in energy data management, power quality monitoring, and residual current monitoring, all within a unified system environment – Made in Germany.

Current information
for download

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