ADDAX METERING
SPLIT SOLUTION

24+ years delivering solutions beyond your expectations

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ADD GRUP OVERVIEW

- High-tech company with 25 years of success worldwide
- Manufacturing facilities with up-to-date equipment from best manufacturers in the world
- More than 4,800,000 smart meters installed worldwide
- Projects in more than 20 countries worldwide

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IMPLEMENTATIONS MAP
More than 4,8 Million ADDAX smart meters worldwide

projects running on LV + MV PLC
A > 100 000 units
A > 10 000 units
A < 10 000 units

projects running on LV PLC + other media
ADDAX AMI ARCHITECTURE

LV-Public Wireless Networks

Pole mounted meter
Consumer Interface Unit

LV PLC (0.4 kV)

Gateway / Data concentrator
LV Substation

Data Management Centre
- Data collection
- Data storage
- Alarms management
- Tariffs management
- Load control

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## POLE MOUNTED SOLUTION

### BASIC FEATURES
- Load management
- TOU tariffs
- Load profiles (5’, 15’, 30’ ...)
- Prepayment or credit modes

### ANTI-FRAUD FEATURES
- **Out of consumer reach**
- Firmware protection
- Special rights for data access
- In the prepayment mode, the meter is automatically disconnected as the balance reaches zero

### LOAD CONTROL
- Built-in relay
- Control modes:
  - remote (by command)
  - local (by condition)
  - manual (by push button)
- Continuous relay state control
- Relay status displaying
- Events registering

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POLE MOUNTED METER

Secured from unauthorized access

Ways of mounting

#1 - The meter is fixed to the rope by the meter screw clamps.

#2 - The meter hangs on the power lines. This construction gets hardness due to the metal braces fixed to the live wire by wedge cable clamps.

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PLC IN-HOME DISPLAY

• Different design for different needs (Customer Interface Unit with keypad and without keypad)
• Built in FSK-132 PL module (KNX standard compliant)
• STS compatible keypad
• Metering data, events and alarms displaying
• Safe reconnection through safety button
• Connectivity through Bluetooth with Smartphone and tablet PC, or wired/wireless M-bus with third party smart home appliances
PREPAYMENT SOLUTION


• CIUs equipped with a keypad designed to enter the numeric token (numeric token)

• The operation mode (prepayment/credit) can be switched remotely by a command from the DCS

• In the prepayment mode, the meter is automatically disconnected as the balance reaches zero
E.ON HUNGARY EXPERIENCE

E.ON HUNGARY
NEW APPROACH TO TACKLING ILLEGAL CONSUMPTION

In recent years, illegal consumption has become a significant issue in the energy sector. E.ON Hungary has taken a proactive approach to address this problem, implementing a new strategy to tackle illegal consumption.

The strategy involves a comprehensive approach that includes technology, enforcement, and education. By integrating advanced metering technology and strong enforcement measures, E.ON Hungary aims to reduce illegal consumption and boost energy efficiency.

CONSUMER BEHAVIOR

E.ON Hungary recognizes that consumer behavior plays a crucial role in combating illegal consumption. By education campaigns and awareness programs, the company seeks to change consumer habits and reduce the demand for illegal energy.

TECHNOLOGY INNOVATION

E.ON Hungary has invested in advanced metering technology to detect and prevent illegal energy usage. This technology allows for real-time monitoring of energy consumption, enabling quick response to any suspicious activity.

WIDE SCALE IMPLEMENTATION

The new approach has been implemented in various regions of Hungary, with positive results. The company continues to expand the technology to cover more customers and areas.

E.ON Hungary’s innovative approach to tackling illegal consumption is setting a new standard in the energy industry. By combining technology, education, and enforcement, the company is successfully reducing illegal energy consumption and improving overall energy efficiency.
CONTACT DETAILS

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