ISKRAEMECO

Metering is our Business

SMART

Electricity meters

for Residential and Commercial applications

SMART

Electricity meters
for Residential and Commercial applications

■ Benefits

With open options towards future challenges

Truly interoperable smart meters are a real insurance against stranded smart metering investments. IDIS interoperability secures your assets and prepares you for future smart grid demands.

A complete smart portfolio for smart applications

Wired or wireless, directly connected or transformer connected; our broad smart portfolio covers diverse types of application topologies and provides independent interfaces for different market participants.

Perfect balance between optimization and flexibility

Iskraemeco interoperable solutions are cost-optimized for mass deployment but still offer the needed flexibility for future business models available via specific software applications.

Take advantage of Multi-Energy management

Smart generation meters can act as a communication gateway for interacting and collecting data from other energy meters (gas, water, heat), resulting in reduced operational costs.

Maximum security for valuable data

Independent communication interfaces for customers and service providers complete with modern encryption and authentication methods provide the highest possible security for valuable metering data.

■ Advantages

- Standard DLMS protocol implemented as IDIS specification

- Switching device supporting various types of applications (maximum demand, remote connection/disconnection, prepayment option, …)

- Additional relays for local load control

- Fulfills actual and future requirements in harsh environments (distributed generation, …)

- A wide range of communication options that fit specific needs (PLC G2/G3, GSM/GPRS/UMTS/LTE, RS485, Ethernet)

- Application software, separated from the metrological software core, enables easy application upgrades on the field

- Measurement, storage and transfer of sub-metering devices data via standardized interfaces (wired, wireless…)

- Support for in-house display

- Data reliability ensured via encryption and authentication, designed according to security standards

- Detection of different cases of technical and non-technical losses

- Multiple event logs for registering a wide range of events

■ Configuration options

		AM550-E	ME381	ME382	ME383	AM550-T	MT381	MT382	MT383
Network	Low voltage	●	●	●	●	●	●	●	●
Connection type	Direct 1-phase	○	○	○	○				
	Direct 3-phase					●	●	●	●
	Current Transformer					●	●	●	●
Accuracy Active / Reactive	B (MID) or 1/2 (IEC)	●	●	●	●	●	●	●	●
	A (MID) or 2/3 (IEC)	●	●	●	●	●	●	●	●
Communication	PLC G2	●	●			●	●		
	PLC G2/G3	●				●			
	GSM/GPRS/UMTS	●		●		●		●	
	LTE	●				●			
	RS485	●			●	●			●
	Ethernet	●				●			
Switching device	Internal	●	●	●	●	●			
	External					●	●	●	●

○ DIN-connection as well as BS-connection are available

● CT version doesn't have a switching device

AM550-E   AM550-T   ME38x   MT38x

About Iskraemeco

Iskraemeco has been delivering metering solutions since 1945. Our visionary point of view and a touch of curiosity are reflected in our most recent endeavors which include intelligent metering solutions for renewable energy sources, electric vehicles and telecommunication services.

Our products and services, incorporating a sound understanding of our customers' needs provide long-term sustainable solutions. Our strong commitment towards energy efficiency encourages environmentally friendly management of natural resources. Iskraemeco's interoperable products are a timeless solution which enables utilities to fully focus on building a better tomorrow for their clients.

With meters addressing diverse market demands, a variety of communication options, interoperability and comprehensive services we help energy companies shape the future of energy production and management. Our full suite of intelligent products, services and solutions will take you a step further towards a smarter electrical grid.

Iskraemeco QUICK FACTS

- Almost 70 years of know-how and quality
- A broad and rejuvenated product portfolio
- All ISO quality certificates
- More than 2 million smart devices in operation
- Worldwide delivery of future-proof solutions
- A founding member of the IDIS Association
- An established global partner network