

MT631/MT632

MODULAR ELECTRICITY METER.



The MT631/MT632 three phase basic meter meets the specifications of the FNN MS2020 project and strict market requirements. The meter is intended for use in households and small businesses.

FEATURES

- Long-term stability of measurement accuracy.
- Great reliability and long service life.
- Suitable for photovoltaic systems (EEG systems).
- Modular structure.
- Direct exclusion to SMGW.
- Data security in accordance with BSI requirements.
- Compact housing made of self-extinguishing polycarbonate.
- Two-line information display.
- LMN communication interface under the module cover.
- Front INFO IR communication interface.

KEY BENEFITS

- COSEM/OBIS.
- Magnetic field manipulation detection.
- Suitable for EEG systems.
- Historical consumption data.
- External tariff setting using two auxiliary terminals according to EDL LH specification.
- Data protection via PIN.
- Terminal block cover position detection.
- Signature formation.
- Optical display of operation.
- SML, TLS, HDLC.
- Uni-directional or bi-directional energy measurement.
- DIN terminal block.

		MT631-D1 SLP	MT631-D2 SLP	MT632-D1 4Q	MT632-D2 4Q	
TYPE OVERVIEW						
Network	Low voltage	•	•	•	•	
Connection type	1P2W	•	•	•	•	
	3P4W	•	•	•	•	
Communication	LMN interface	•	•	•	•	
	INFO interface	•	•	•	•	
	Multiutility	•	•	•	•	
TECHNICAL SPECIFICATIONS						
Nominal voltage Un		3 x 230/400 V, 230 V				
Voltage range		0.8 Un – 1.15 Un				
Current	Nominal	lb	5 (60) A	5 (100) A	5(60) A	5(100) A
Accuracy class	Active energy		MID A (EN 50470 - 3)		MID B (EN 50470 - 3)	
	Reactive energy		Class 2 (IEC 62053 - 23)			
Temperature range (EN 50470 - 1)	Operation		-25°C to +55°C			
	Storage		-40°C to +80°C			
Ingress protection of water and dust (IEC 60529)		IP 54				

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