

ME172

SINGLE PHASE MULTIFUNCTION METER.



The compactly designed ME172 single phase meter is made to increase your revenues through high anti-fraud protection and fully customized metering functionalities.

FEATURES

- Extensive anti-tampering package.
- Import/export energy management.
- Photovoltaic ready design.
- No-power LCD reading.
- Extended load profile.
- Up to four internal tariffs.
- RS485 communication interface.

KEY BENEFITS

- Only positive energy output measurement option.
- Single-wire measurement.
- On-site meter configuration.
- Multiple event logs with energy fraud registers.
- Registration of manipulation attempts.
- High immunity against strong magnet fields.
- Communication via an optical or RS485 port.
- Up to four external tariff changeovers.
- Maximum demand measurement.
- Neutral line energy measurement.

		ME172-D1 DIN	ME172-D3 DIN
TYPE OVERVIEW			
Network	Low voltage	•	•
Connection type	1P2W	•	•
Communication	RS485	•	•
	Optical port	•	•
TECHNICAL SPECIFICATIONS			
Nominal voltage U_n		230 V	
Voltage range		0.8 – 1.15 U_n	
Current	Base current	I_b 5 A	
	Maximal current	I_{max} 85 A	100 A
	Minimum current	I_{min} 0,25 A	
Accuracy class	Active energy	Class 2 or Class 1 (IEC 62053-21 or -23) B or A (EN 50470 - 3)	
Temperature ranges (IEC 62052-11)	Operation	-40°C ... +80°C	
	Storage	-40°C ... +85°C	
Frequency Range		50Hz, 60Hz	
Ingress protection IEC 60529		IP54	