

ME162

SINGLE PHASE ELECTRONIC METER.



The ME162 electronic single-phase meters are designed for measurement and registration of active energy in a single phase two-wired networks for direct connection. The metering and technical properties of the meters comply with the EN 50470-1 and EN 50470-3 European standards, classes B and A, as well as with the IEC 62053-21 and IEC 62052-11 (former IEC 61036). A built-in time switch complies with the IEC 62054-21 and IEC 62052-21 standards. The meter enables energy registration in up to four tariffs, and is designed and manufactured in compliance with ISO 9001.

FEATURES

- Internal clock.
- Energy measurement: unidirectional or bidirectional energy flow, absolute energy measurement.
- One or two energy flow directions.
- Impulse output (tariff output on request).
- Scroll key.

KEY BENEFITS

- Data display on LCD in no-voltage state (optional).
- LCD backlight (option).
- Optical port for local data downloading and meter programming.
- Compact design.
- Active energy.
- Internal time switch.
- Impulse output (tariff output on request).
- CS Interface.

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single phase electronic meter

TECHNICAL SPECIFICATIONS

Network			1P2W	
Connection type			DIN, BS	
Nominal voltage U_n			120, 220, 230, 240 V	
Voltage range			0.8 - 1.15 U_n	
Current	Base current	I_b	5, 10, 20 A	
	Maximal current	I_{max}	85 A (DIN meters)	100 A (BS meters)
	Minimum current	I_b	5 A	
Accuracy class	Active energy		Class 2 or 1 (IEC 62053-21) B or A (EN 50470-1)	
Temperature range (EN 50470-1)	Operation		-25°C to +60°C	
	Storage		-40°C to +85°C	
Frequency range			50 Hz, 60 Hz	
Ingress protection of dust and water			IP53	