

BASIC



iskraemeco
BY ELSEWEDY ELECTRIC



ME172

Single-phase multifunction meter

The compactly designed single-phase meter ME172 is made to increase your revenues through high antifraud protection and tailored metering functionalities. The meter is intended for residential and small commercial applications with the following functions:

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

ME172

Always positive energy registration option

Single-wire measurement

On-site meter configuration

Multiple event logs with registers of fraud energy

Registration of manipulation attempts

High immunity against strong magnet fields

Communication via an optical or RS485 port

Neutral line energy measurement

Maximum demand measurement

Up to four external tariff changeovers

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 A or B (EN 50470 - 3)	
Temperature ranges (IEC 62052-11)	Operation	-40°C ... +80°C	
	Storage	-40°C ... +85°C	
Ingress protection IEC 60529		IP54	