

MT175

ELECTRONIC EDL HOUSEHOLD METER.



The MT175 developed according to the EDL concept is a static three phase active consumption meter for the household sector. The meter provides actual energy consumption and the possibility of controlling consumption overall. With its low assembly, reading and operating costs, the MT175 is particularly suitable as a replacement for the existing mechanical three phase meter based on the Ferraris principle. The MT175 complies with the EN 50470-3 standard and is made in accordance with ISO 9001.

FEATURES

- Active consumption meter.
- Dual tariff function.
- Readings.
- Bi-directional interface (MSB) – RJ10.
- Data access protection via PIN.
- Uni-directional or bi-directional energy measurement.

KEY BENEFITS

- Strong Connection.
- Suitable for photovoltaic systems.
- Optical meter operator interface.
- Smart Message Language

MT175

TYPE OVERVIEW

Network	Low voltage	•
Connection type	1P2W	•
	3P4W	•
Communication	MSB interface	•
	INFO-IR interface	•

TECHNICAL SPECIFICATIONS

Nominal voltage U_n			3 x 230 V / 400 V, 3 x 230 V, 230 V
Voltage range			0.8 U_n – 1.15 U_n
Current	Nominal current	I _b	5 (60) A
Accuracy class	Active energy		MID A (EN 50470 - 3)
Temperature range (EN 50470 - 1)	Operation		-25°C to +55°C
Ingress protection of water and dust (EN 60529)			IP54