



TIS ENERGY METER

Modular Single-Phase Power Meter

Data Sheet Rev 3.2

Model: MET-EN-1PH



OVERVIEW

This product is a single-phase power meter designed to calculate and report energy consumption and electricity parameters on a daily, monthly, and yearly basis for energy optimization purposes.

KEY BENEFITS

- + Compatible with TIS networking
- + Offering an accurate record of consumption
- + Boosting energy efficiency
- + Equipped with different segment timers

KEY FEATURES

- ★ Easy installation & maintenance
- ★ Voltage, amperes & active power calculation
- ★ LCD-equipped for easy data reading
- ★ 2 Directional calculation method



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Modular Single-Phase Power Meter

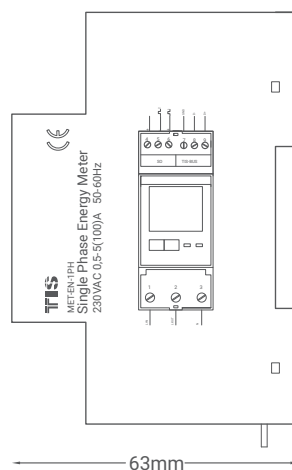
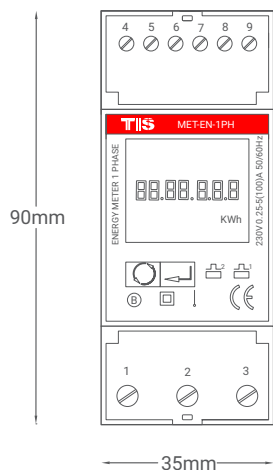
Model: MET-EN-1PH

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PRODUCT SPECIFICATIONS

	Specifications	Voltage AC (Un) Base Current (Ib) Max. Current (Imax) Min. Current (Imin) Power consumption Frequency	176-276V / 80-140V (optional) 10 A 100 A 0.5 A <2W/10VA 50/60Hz(±10%)
	 Protection	Short Output Protection	Output will turn off in case of short connection
	 Display	LCD Max. Reading	LCD with blue backlit 99999.99kWh
	 Mounting	Din Rail	Standard 35 mm din rail
	 Connection terminal	Load and Power Data / bus	Screw terminal 0,5...6mm2 Screw terminal 0,2...1mm2
	 Weight	Without packaging	250g
	 Dimensions	Length × Width × Height	35mm × 63mm × 90mm
	Housing	Materials	Self-extinguishing UL94V-0
		Casing color	Black
		IP rating	IP 51
	Temperature range	Operation	-10...60°C
		Storage	-20...50°C
		Transport	-25...75°C
	Environment	Operation Temperature	-25...55°C
		Storage Temperature	-40...70°C
		Transport Temperature	-40...70°C
		Air humidity	<95% non-condensing
		Installation category	CAT II
		Mechanical Environment	M1
		Electromagnetic environment Degree of pollution	E2 2



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