



TIS ENERGY METER

Modular Single-Phase Power Meter

Data Sheet Rev 3.1

Model: MET-EN-1PH



OVERVIEW

This is a single-phase power meter that calculates how much KW/H is consumed in your location. Other electricity parameters, such as current amps, voltage, and active power are also measured. Based on this data, TIS Energy Meter reports the electricity expenses.

KEY BENEFITS

- + KW/H 12 Month Consumption Records
- + 4 different Segment Timers
- + Two-Directional Calculation for Income/ Outcome Power
- + Voltage, Amps and Other Power Factors Calculation

KEY FEATURES

- ★ Din-Rail or wall mounting
- ★ Link to the TIS-BUS Network
- ★ LCD for Monitoring and Setting
- ★ Pulse Output



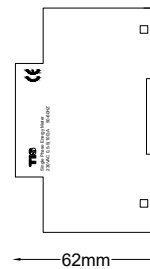
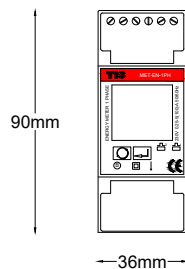
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PRODUCT SPECIFICATIONS		
Specifications	Voltage AC (Un)	176-276V / 80-140V (optional)
	Base Current (Ib)	10 A
	Max. Current (Imax)	100 A
	Mini Current (Imin)	0.5 A
	Power consumption	<2W/10VA
	Frequency	50/60Hz(±10%)
	Protection	Short Output Protection
Display		LCD
	Max. Reading	99999.99kWh
Mounting	Din Rail	Standard 35 mm Din rail
	Connection terminal	Load and Power
Data / bus		Screw terminal 0,2...1mm2
Weight	Without packaging	0.25 KG
	Dimensions	Length x Width x Height
Housing		Materials
	Casing color	Black
	IP rating	IP 51 indoor
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	E2
	Degree of pollution	2



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TEXAS INTELLIGENT SYSTEM LLC

SUITE# 610, 860 NORTH DOROTHY DR
RICHARDSON
TX 75081.USA

TIS CONTROL LIMITED

RM 1502-p9 Easay CommBldg
253-261 Hennessy Rd Wanchai
Hong Kong