

WON-G1D100

A compact and accurate WON-G1D100 DIN-rail energy meter for measuring voltage, current, four-quadrant power, power factor, and bi-directional active & reactive energy.

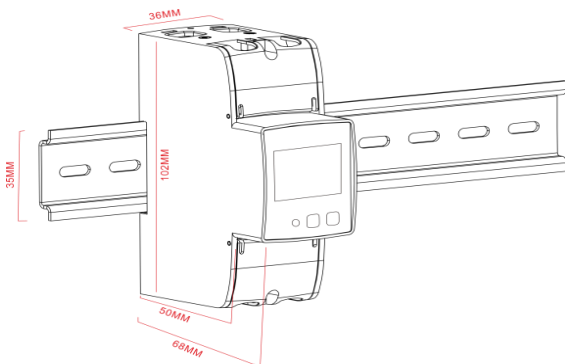
It supports RS485 (Modbus, up to 9600 bps) for remote monitoring, features a clear LCD for local viewing and settings, and includes password protection for secure data access.



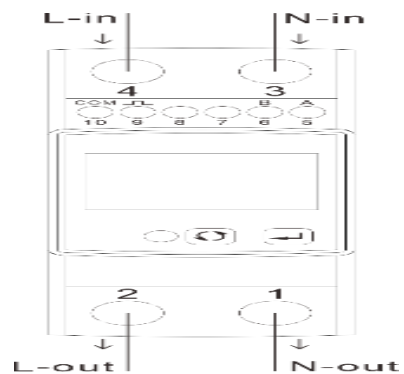
Product Features

- Up to 100A direct Connected
- Standard 2-module width, TH35-7.5 type din rail mount
- Touch key design
- Multi-functional parameter measurement
- Supports bi-directional power metering
- Supports 1-channel passive pulse output
- Supports 1-channel RS485 communication
- LCD full-view display, white backlight, backlight lighting time adjustable
- LCD display refresh time: 1 second
- Supports manual page turning and automatic display rotation (can be set to switch)

Dimension



Wiring Diagram



Technical Specifications

Technical Parameters		
Access type		Direct Connected
Rated voltage		230V
Voltage range		176~276V AC
Current rating		10A
Maximum current		100A
Minimum current		0.5A
Starting current		0.4% times of the rated current
Power consumption		<2W/10VA
Frequency		50/60Hz
Pressure-resistant		4KV/1 min
Pulse withstand voltage		6KV-1.2us
Overload		30 times the maximum current - 0.01s
Pulse output		1000imp/kWh (default)
		1000/100/10/1 imp/kWh/kVar (configurable)
Display		LCD
Precision	Voltage	±0.5%
	Current	±0.5%
	Frequency	±0.2%
	Factor	±1%
	Active power	±1%
	Reactive power	±1%
	Apparent power	±1%
	Active electrical energy	IEC52053-21 Class B EN50470-3
	Reactive electrical energy	±1%
Operation Environment	Operating temperature	-25°C~+55°C
	Storage temperature	-40°C~+75°C
	Reference temperature	23°C±2°C
	Relative Humidity	0~95%RH, No condensation
	Elevation	250m or more
	Warm-up time	10s
	Vibration	10Hz~50Hz, IEC 60068-2-6,2g

Address

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