

WON-G3D100

The WON-G3D100 series Three-Phase rail-mounted energy meter is a multifunctional meter designed for power parameter acquisition and analysis.

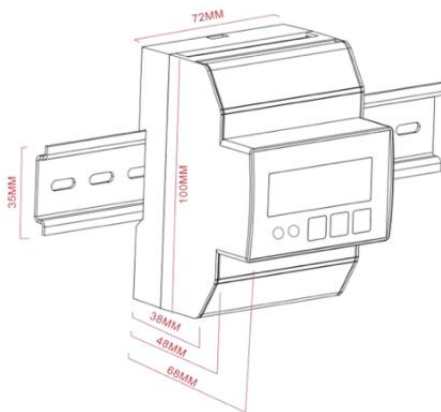
It measures voltage, current, four-quadrant power, and power factor, and supports bi-directional active and reactive energy metering for comprehensive three-phase power monitoring.

Product Features

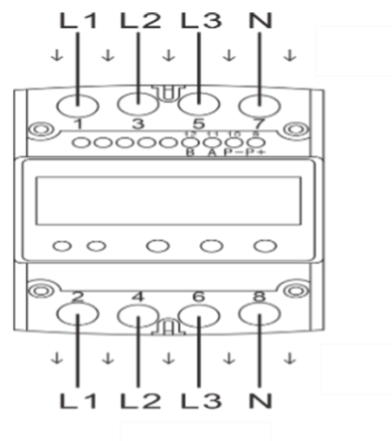
- 4-line high-resolution LCD with backlight
- Always-visible kWh display
- Three-phase power measurement
- RS485 Modbus-RTU communication
- AC/DC dual power supply
- Easy installation and wiring
- Password protection
- 3P3W / 3P4W selectable
- Multi-parameter display



Dimension



Wiring Diagram



Technical Specifications

Type	Direct Connection
Rated Voltage	230VAC
Voltage Range	176~276VAC
Rated Current	10A
Maximum Current	100A
Minimum Current	0.5A
Starting current	0.4% times the rated current
Power Consumption	<2W/10VA
Frequency	50/60Hz
Withstanding Voltage	4kV/1min
Pulse withstand voltage	6kV-1.2us
Pulse output	400imp/kWh (default)
	400imp/kWh/kVarh (Configurable)
Communication- RS485 Modbus	
Baud Rate	4800, 9600,19200 bps
Parity	None, Odd, even
Device id	1-255
Accuracy	
Voltage & Current	±0.5%
Frequency	±0.2%
Power factor	±1%
Active power	±1%
Reactive power	±1%
Apparent power	±1%
Active energy	Class 1 ICE52053-21 Class B EN50470-3
Reactive energy	±1%
Display	LCD
Overload	30 times maximum current-0.01s
Operating Environment	
Working Temperature	-25°C~+55°C
Storage Temperature	-40°C~+75°C
Relative humidity	0~95%RH, Non-Condensing
Elevation	<2000m
Vibration	10Hz~50Hz, IEC 60068-6,2g

Address

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