

WON-G3DCT

WON-G3DCT series Three-Phase DIN Rail type energy meter is designed to collect, analyze and measure power parameters. The series of products can support the measurement and analysis of a variety of power parameters in variety of grid environments.

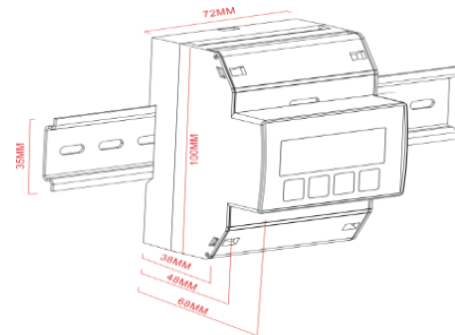
This series of products have RS485 communication interface, which can easily realize remote data reading. Meanwhile, it adopts LCD display, which can view and set various measurement parameters locally, and the product has password protection function to ensure the data security of the product.



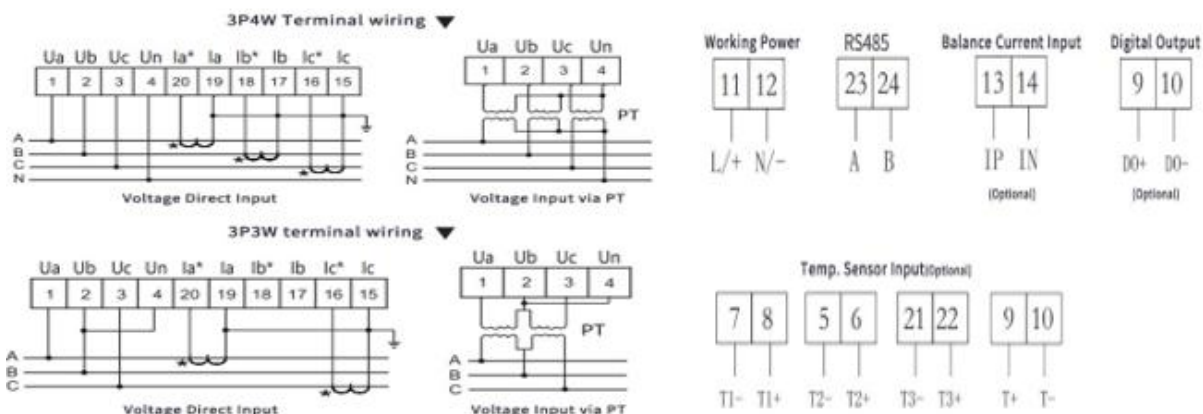
Product Features

- Multi-function parameter measurement
- Bi-directional Energy metering
- CT Operated -/5-/1A field programmable
- channel pulse optocoupler output interface, can set the output parameters
- RS485 communication Modbus RTU protocol
- DIN Rail mounting
- Large LCD display, white backlight, backlight lighting time adjustable
- LCD display refresh time: 1 second, support manual page turning and automatic rotation display (can be set to switch)

Dimension



Wiring Diagram



Technical Specifications

Measurements	Phase voltage, line voltage
	Current
	Frequency
	Each phase Active power and total power
	Each phase Reactive power and total power
	Each Phase Apparent Power and Total Power
	Each phase and average power factor
	Each phase contact temperature and ambient temperature
	Residual current, (through transformer)
Energy measurement	Import and export active power /Energy
	Import and export reactive power / Energy
Communication	RS485 Modbus
Connection Networks	3 phase 4 wires, 3 phase 3 wires
Aux.Supply	AC/DC85~265V
Power consumption	<5VA
Accuracy Class	
Voltage, current	±0.5%
Power	±1%
Power Factor	±1%
Frequency	±0.2
Electricity	±1%
Frequency	45Hz~65Hz
Pulse constant	400imp/kWh
EMC Electromagnetic Compatibility	
Electrostatic discharge immunity test	GB/T 17626.2-2006 : test level 4
RF electromagnetic field immunity test	GB/T 17626.3-2006 : test level 3
Fast transient pulse group test	B/T 17626.4-2008: test level 4
Surge (shock) immunity test	GB/T 17626.5-2008: test level 4
Conducted disturbance immunity test for RF field induction	GB/T 17626.6-2008: Test grade 3

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