

# Better Solar Metering Solution

## DTSU666-G

Three Phase New Energy Meter  
250A/50mA



# CHINT

CHINT METER



BI-DIRECTION  
MEASUREMENT



LOW COMPUTATION



HIGH SPEED REFRESH



ZERO EXPORT

- ⊙ Bi-directional Measurement for kW and kWh
- ⊙ Multi Parameter measurement
- ⊙ Modbus-RTU communication
- ⊙ Din Rail Mounted
- ⊙ Active power refresh rate  $\leq 50\text{ms}$

CE SAA UK CA RoHS

# CHNT

## CHINT METER

### DTSU666-G

Three Phase New Energy  
Meter 250A/50mA



Current: 250A/50mA  
Aperture:  $\phi$ 24mm

## SPECIFICATIONS

### Measurement

- Compliance with EN 61326-1 EN 61010-1 standard
- Connection type: 3P4W(Three Phase four wire)
- Access Method: Via CT

### Accuracy

- Voltage:  $\pm 0.5\%$
- Current/Power:  $\pm 0.5\%$
- Electric energy:  $\pm 1\%$

### Voltage

- Nominal Voltage(Un): 3 $\times$ 220/380V...3 $\times$ 240/415V
- Operating Voltage: 207V ~ 253V
- Limited Voltage: 184V ~ 264V

### Current

- Current: 250A/50mA

### Frequency

- 50Hz or 60Hz

### Display Interface

- LCD
- With backlight

### LED Indication

- Pulse Output

### Communications

- Protocols: ModBus-RTU
- Interface: RS485
- Baud rate: 1200 / 2400 / 4800 / 9600bps(default)  
19200/115200 bps(customizable)

### Measured Values

- Import/Export kWh, kvarh
- Instantaneous kW, kvar, kVA
- Irms, Vrms, Frequency, Power factor, etc

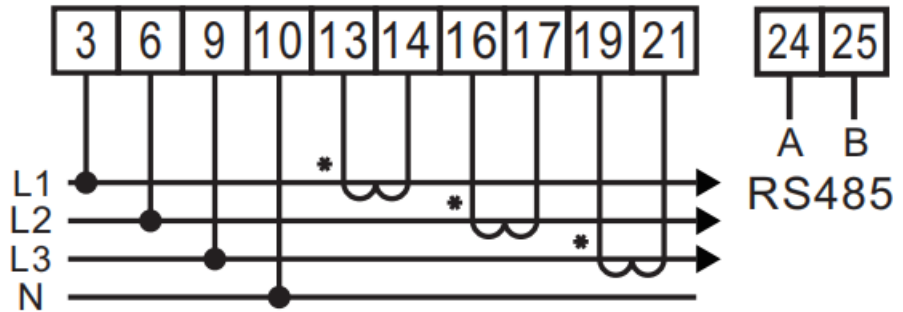
### Environmental

- Operating Temperature : -25°C ~ +55°C
- Storage Temperature : -40°C ~ +70°C
- Relative Humidity:  $\leq 95\%$ (non-condensing)
- Atmospheric Pressure: 63.0kPa ~ 106.0kPa

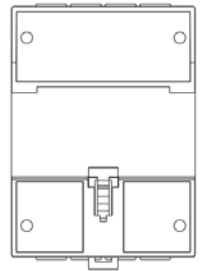
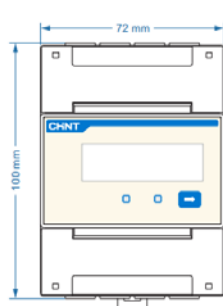
### Dimension

- 72mm $\times$ 100mm $\times$ 65.5mm
- Mounting Type: DIN35mm

## WIRING DIAGRAM



## METER DIMENSIONS



Units: mm

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