

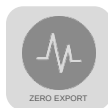
Better Solar Metering Solution

DTSU666-G

Three Phase New Energy Meter
100A/40mA



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



CHNT

CHINT METER

DTSU666-G

Three Phase New Energy
Meter 100A/40mA



Current: 100A/40mA
Aperture: $\phi 16\text{mm}$

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(U_n): $3 \times 220/380\text{V} \dots 3 \times 240/415\text{V}$
- Operating Voltage: $207\text{V} \sim 253\text{V}$
- Limited Voltage: $184\text{V} \sim 264\text{V}$

Current

- Current: 100A/40mA

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

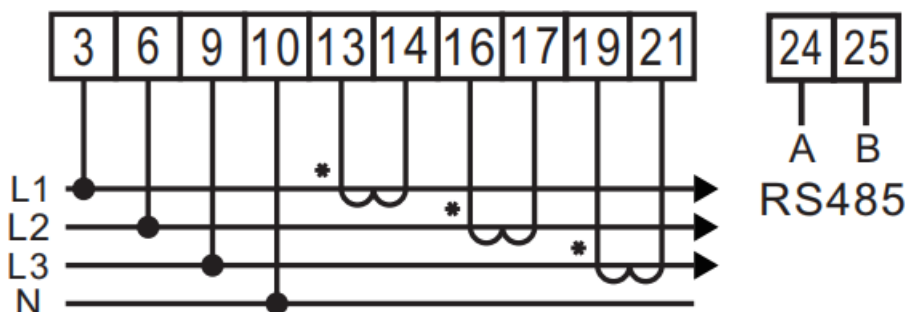
Environmental

- Operating Temperature: $-25^\circ\text{C} \sim +55^\circ\text{C}$
- Storage Temperature: $-40^\circ\text{C} \sim +70^\circ\text{C}$
- Relative Humidity: $\leq 95\%$ (non-condensing)
- Atmospheric Pressure: $63.0\text{kPa} \sim 106.0\text{kPa}$

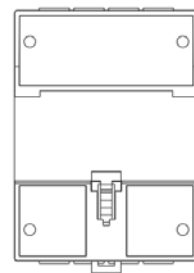
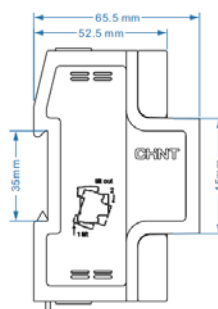
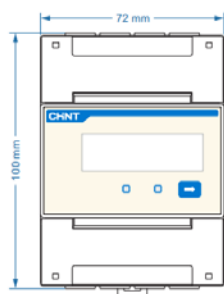
Dimension

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

WIRING DIAGRAM



METER DIMENSIONS



Units: mm

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