

# Better Sub-Metering Solution

## DDSU666-110

Single Phase Smart Meter

# CHNT

CHINT METER



- ◎ MID B+D Certified
- ◎ Multi Parameter measurement
- ◎ Modbus-RTU Communication
- ◎ 1 Module Din Rail Mounted



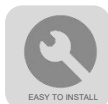
HIGH ACCURACY



LOW CONSUMPTION



LARGE LCD DISPLAY



EASY TO INSTALL

MID CE 

# CHNT

## CHINT METER

### DDSU666-110

Single Phase Smart  
Meter

## SPECIFICATIONS

### Measurement

- Compliance with EN 50470-1/-3 standard
- Connection type: 1P2W
- Accuracy: Direct: Class B/ 1.0
- Access Method: Direct connection

### Voltage

- Nominal voltage ( $U_n$ ): 220V...240V
- Operating range:  $0.8U_n \sim 1.15U_n$
- Power consumption:  $\leq 2W$ , 10VA

### Current

- Direct: 0.25-5(80)A

### LCD Display

- 8 characters of 7 segment display
- Digital size: 2.1mm  $\times$  4.5mm

### Display Interface

- LCD

### Communications

- RS485, Modbus-RTU
- Baud Rate: 1200bps, 2400bps, 4800bps, 9600bps (default), 19200bps

### Environmental

- Operating Temperature:  $-25^{\circ}C$  to  $+55^{\circ}C$
- Storage Temperature:  $-40^{\circ}C$  to  $+70^{\circ}C$
- Relative Humidity:  $\leq 95\%RH$  (non-condensing)
- Ingress Protection: IP20

### Measured Values

- Import/Export/Total kWh
- Instantaneous kW, Irms, Vrms, Frequency, Power factor

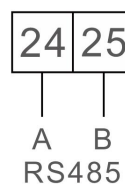
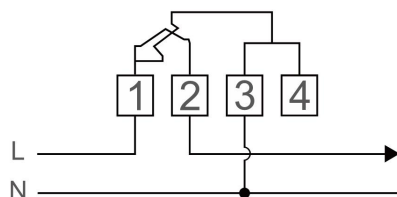
### LED Indication

- Pulse Output

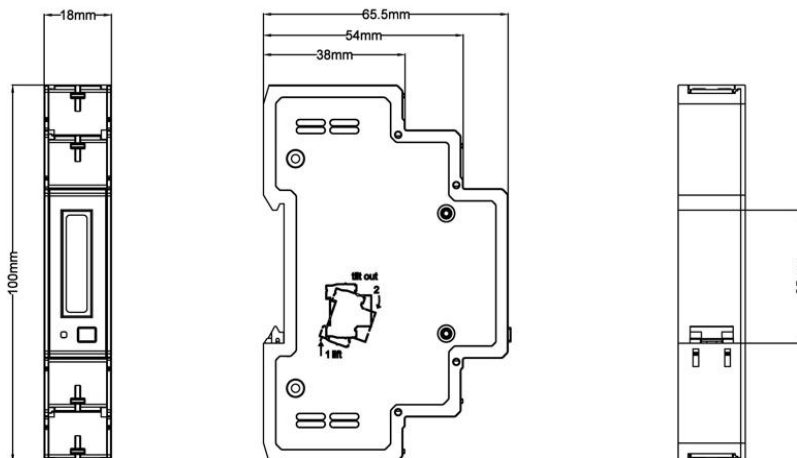
### Dimensions and Weight

- Dimensions: 18mm  $\times$  100mm  $\times$  65.5mm
- Weight: 0.08 kg (Approx.)

## WIRING DIAGRAM



## METER DIMENSIONS



Units: mm

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