

DDSU666 Single-Phase Dual-Channel 100mA/40mA Meter

DIN-Rail for AC-Coupled Systems

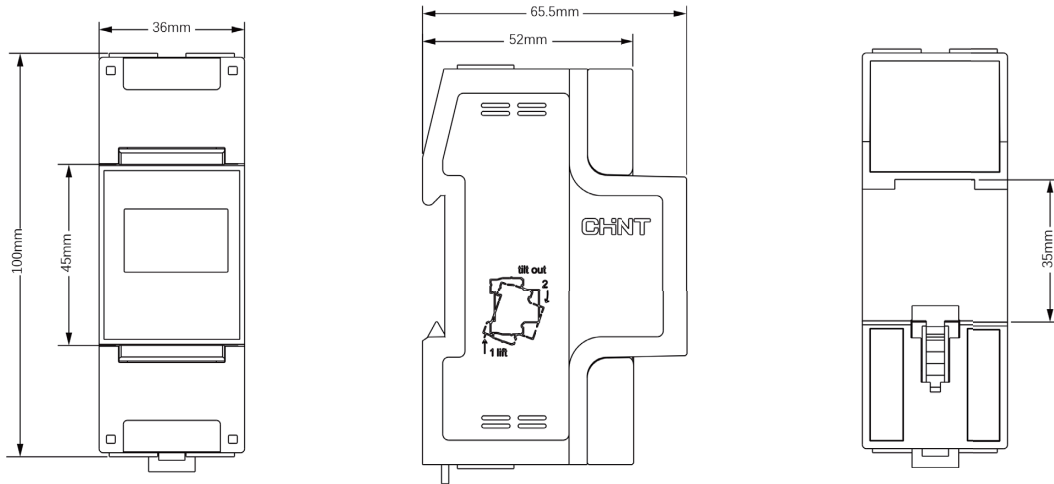
- ▶ **Metering function:** Measurement for forward and reverse active energy;
- ▶ **Measuring function:** Measurement for voltage, current, frequency, power, power factor, etc;
- ▶ **Display function:** LCD, key-press display;
- ▶ **Communication function:** RS-485, support Modbus-RTU;
- ▶ **Refresh rate:** Active power refresh rate about 50 ms.



Technical parameter

Model	DDSU666
Accuracy	
Voltage	± 0.5%
Current / Power	± 0.5%
Electric Energy	± 1%
Electrical Parameters	
Grid Type	Single phase two wire (1P2W)
Reference Voltage	220 V ~ 240 V
Current Specification	100 mA / 40mA
Frequency	50 Hz / 60 Hz
Access Method	CT access CT2 access 100A / 40mA
Specified Working Voltage Range	198 V ~ 253 V
Extended Working Voltage Range	100 V ~ 276 V
Communication	
Interface	RS-485
Protocol	Modbus-RTU
Baud Rate	1200 / 2400 / 4800 / 9600bps(default)19200 / 115200bps(customizable)
Environment	
Specified Working Temperature Range	-25°C ~ +55°C
Extended Working Temperature Range	-40°C ~ +70°C
Relative Humidity (Non-condensing)	≤ 75%
Atmosphere	86 kPa ~ 106 kPa
Specification	
Dimension	36 mm × 100 mm × 65.5 mm (tolerance±1)
Mounting type	DIN35 mm (standard DIN-Rail mount)

Dimension:



Wiring diagram:

Upper terminal

Voltage		CT1		CT2	
L	N	I*a	Ia	I*b	Ib
3	4	9	10	11	12

Lower terminal

N/A		Connection			
N/A	N/A	RS-485-2A	RS-485-2B	RS-485-A	RS-485-B
1	2	5	6	24	25

