



# DDSU666 Single Phase Smart Meter 100mA/40mA -dual channels **NEW**

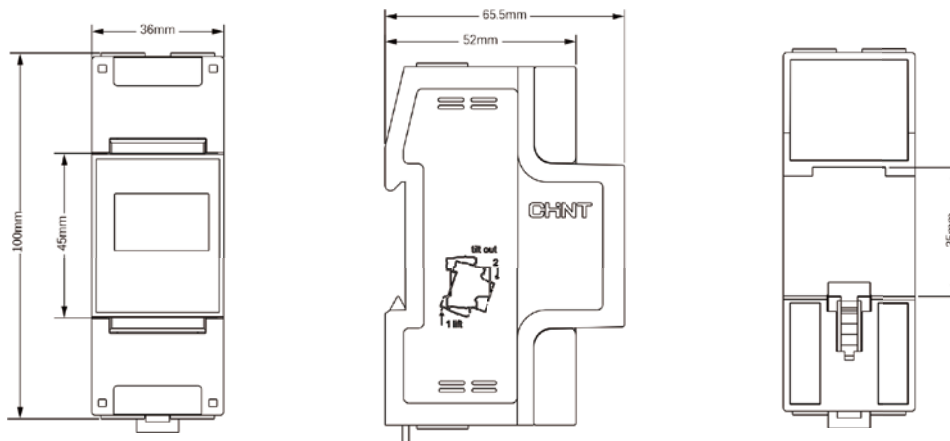
DIN Rail Energy Meter for Single Phase Electrical Systems(AC-Coupled)

- ▶ 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**

<b>MODEL</b>	<b>DDSU666</b>
<b>Accuracy</b>	
Voltage	± 0.5%
Current / Power	± 0.5%
Electric Energy	± 1%
<b>Electrical Parameters</b>	
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 Workig Voltage Range	198 V ~ 253 V
Extended Workig Voltage Range	100 V ~ 276 V
<b>Communication</b>	
Interface	RS-485
Protocol	Modbus-RTU
Baud Rate	1200 / 2400 / 4800 / 9600bps(default)19200 / 115200bps(customizable)
<b>Environment</b>	
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
<b>Specification</b>	
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

