



# DTSU666 Three Phase Dual Channel Smart Meter 250mA/50mA **NEW**

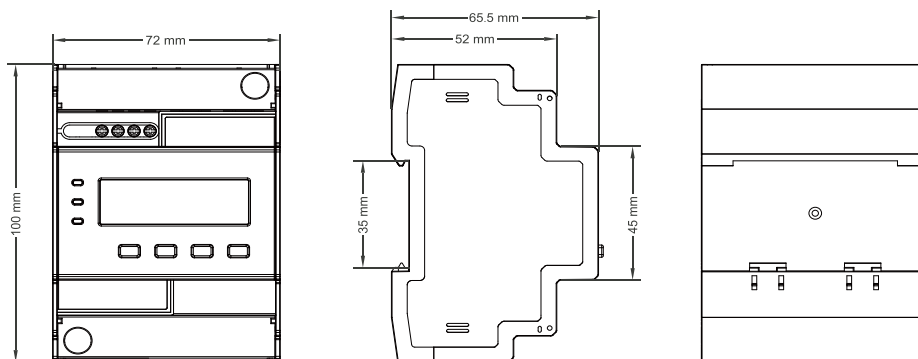
DIN Rail Energy Meter for Single and Three Phase Electrical Systems (AC-Coupled)

- ▶ Metering function: Measurement for forward and reverse active energy;
- ▶ Measuring function: Measurement for active energy and voltage, current, frequency, power, power factor, etc;
- ▶ Display function: LCD, key-press display;
- ▶ Communication function: RS485, support Modbus-RTU;
- ▶ Refresh rate: Active power refresh rate about 50 ms.

**Technical parameter**

<b>MODEL</b>	<b>DTSU666</b>
<b>Accuracy</b>	
Voltage	± 0.5%
Current / Power	± 0.5%
Electric Energy	± 1%
<b>Electrical Parameters</b>	
Grid Type	Three phase four wire (3P4W)
Voltage Specification	AC 3 x 57.7 / 100 V...3 x 240 / 415 V
Current Specification	250 mA / 50mA
Frequency	50 Hz / 60 Hz
Specified Workig Voltage Range	207 V ~ 253 V
Extended Workig Voltage Range	184 V ~ 264 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	72 mm × 100 mm × 65.5 mm (allowance±1)
Mounting type	DIN35 mm (standard DIN-Rail mount)

**Dimension:**



**Wiring diagram:**

**Upper terminal**

CT						Communication	
I*a	Ia	I*b	Ib	I*c	Ic	RS-485-A	RS-485-B
13	14	16	17	19	21	RS-485-A	RS-485-B

**Lower terminal**

Voltage input			
Ua	Ub	Uc	N
L1	L2	L3	N

