

DTSU666 Three Phase Smart Meter 100mA/40mA

NEW

DIN Rail Energy Meter for Single and Three Phase Electrical Systems

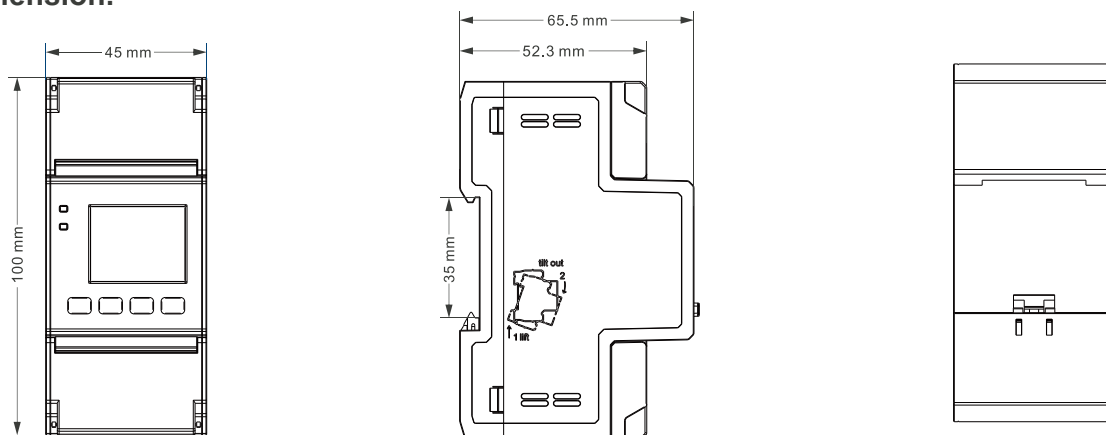
- ▶ Metering function: Measurement for forward and reverse active energy;
- ▶ Measuring function: Measurement for voltage, current, frequency, power, power factor, etc;
- ▶ Display function: LCD, key-press display;
- ▶ Communication function: RS-485, support Modbus-RTU;
- ▶ Refresh rate: Active power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



Technical parameter

MODEL	DTSU666
Accuracy	
Voltage	± 0.5%
Current / Power	± 0.5%
Electric Energy	± 1%
Electrical Parameters	
Grid Type	Three phase four wire (3P4W)
Voltage Specification	3 × 220 / 380 V...3×240 / 415 V
Current Specification	100 mA / 40mA
Frequency	50 Hz / 60 Hz
Specified Workig Voltage Range	207 V ~ 253 V
Extended Workig Voltage Range	184 V ~ 264 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	45 mm × 100 mm × 65.5 mm (allowance±1)
Mounting type	DIN35 mm (standard DIN-Rail mount)

Dimension:



Wiring diagram:

Upper terminal

CT access						Communication	
I*a	Ia	I*b	Ib	I*c	Ic	RS-485-A	RS-485-B
I*a	Ia	I*b	Ib	I*c	Ic	RS-485-A	RS-485-B

Lower terminal

Voltage input			
Ua	Ub	Uc	N
L1	L2	L3	N

