

hinen



DDSU666

Features

Accurate

- Class 1 measurement accuracy

Energy Saving

- Overall power consumption ≤ 1.5 W

Smart Monitoring

- One terminal can control multiple devices, and perform parameter monitoring and fault query

Convenience

- Optional 35mm DIN rail or front mounting
- Wide-screen LCD for a more intuitive and clearer display of parameters

Safe & Reliable

- Fuse-free design for superior safety
- International authoritative certification, more reliable
- Natural cooling and fully sealed design, higher reliability

Smart Energy

- Use clean and efficient renewable energy, no pollution
- Green, low carbon, economic savings, sustainable development



DDSU666-CT

SMART METER

					
	DDSU666	DTSU666	DDSU666-CT	DTSU666-CT	DTSU666-CT (double channel)
General Data					
Dimension (H xW xD)	100 x 36 x 65.5 mm (3.9 x 1.4 x 2.6 in)	100 x 72 x 65.5 mm (3.9 x 2.8 x 2.6 in)	100 x 72 x 65.5 mm (3.9 x 2.8 x 2.6 in)	100 x 72 x 65.5 mm (3.9 x 2.8 x 2.6 in)	120 x 72 x 65.5 mm (4.7 x 2.8 x 2.6 in)
Mounting type			DIN35 Rail		
Power Supply					
Power grid type	1P2W	3P4W	1P2W	3P4W	3P4W
Frequency	50/60Hz				
Input voltage (phase voltage)	184Vac ~ 264.5Vac	154 Vac ~ 286 Vac	184Vac ~ 264.5Vac	154 Vac ~ 286 Vac	154 Vac ~ 286 Vac
Power consumption	≤1 W, 8VA	≤1.5 W, 6VA	≤1 W, 8VA	≤1.5 W, 6VA	≤1.5 W, 6VA
Measurement Range					
Line voltage	/	290.5 Vac~ 539.5 Vac	/	290.5 Vac~ 539.5 Vac	290.5 Vac~ 539.5 Vac
Phase voltage	184Vac ~ 264.5Vac	168 Vac ~ 312 Vac	184Vac ~ 264.5Vac	168 Vac ~ 312 Vac	168 Vac ~ 312 Vac
Current	0.25-5(80)A	0.25-5(80)A	0.015-0.75(6)A (CT: 100A)	0.015-1.5(6)A (CT: 150A)	0.015-0.75(6)A (CT: 100A)
Measurement Accuracy					
Accuracy Class	Class B	Class B	Class C	Class C	Class C
Communication					
Interface	RS485				
Baud rate	9,600 bps				
Communication protocol	Modbus-RTU				
Environment					
Operating temperature range	-25°C~+55°C	-10°C~+45°C	-25°C~+55°C	-10°C~+45°C	-10°C~+45°C
Storage temperature range	-25°C~+55°C	-25°C ~ +75°C	-25°C~+55°C	-25°C ~ +75°C	-25°C ~ +75°C
Operating humidity	<75 % non condensing				
Operating Altitude	<4000m				
Others					
Display	LCD				
Accessories	RS485 Cable (10 m / 33 ft.), RJ45 connector				
	/	/	1 CT (100A/40mA)	3CT (150A/5A)	6 CT (100A/40mA)

Typical Application Diagram:

