

Smart Power Sensor



Accurate

Class 1 measurement accuracy



Simple & Easy

LCD display, easy to set and check



Energy Efficient

Overall power consumption ≤ 1 W

Technical Specification		DDSU666-H	DTSU666-H	DTSU666-H 250A/50mA
General Data				
Dimension (H x W x D)	100 x 36 x 65.5 mm (3.9 x 1.4 x 2.6 inch)	100 x 72 x 65.5 mm (3.9 x 2.8 x 2.6 inch)	100 x 72 x 65.5 mm (3.9 x 2.8 x 2.6 inch)	
Mounting type	DIN35 Rail			
Weight (including cables)	1.2 kg (2.6 lb)	1.5 kg (3.3 lb)	1.5 kg (3.3 lb)	
Power Supply				
Power grid type	1P2W	3P4W	3P4W/3P3W	
Input voltage (phase voltage)	176 Vac ~ 288 Vac			
Power consumption	≤ 0.8 W	≤ 1 W	≤ 1 W	
Measurement Range				
Line voltage	/	304 Vac ~ 499 Vac	304 Vac ~ 499 Vac	
Phase voltage	176 Vac ~ 288 Vac			
Current	0 ~ 100 A	0 ~ 100 A	0 ~ 250 A	
Measurement Accuracy				
Voltage	±0.5 %			
Current / Power / Energy	±1 %			
Frequency	±0.01 Hz			
Communication				
Interface	RS485			
Baud rate	9,600 bps			
Communication protocol	Modbus-RTU			
Environment				
Operating temperature range	-25 °C ~ 60 °C			
Storage temperature range	-40 °C ~ 70 °C			
Operating humidity	5 %RH ~ 95 %RH (non-condensing)			
Others				
Accessories	RS485 Cable (10 m / 33 ft.)			
	1 CT 100A / 40mA (5 m / 16.4 ft.) 	3 CT 100A / 40mA (5m / 16.4 ft.) 	3 CT 250A / 50mA (5m / 16.4 ft.) 	