

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) | |
| Mounting type | DIN35 Rail | | |
| Weight (including cables) | 1.2 kg (2.6 lb) | 1.5 kg (3.3 lb) | |

| Power Supply | | | |
|-------------------------------|-------------------|------------|--|
| Power grid type | 1P2W | 3P4W | |
| Input voltage (phase voltage) | 176 Vac ~ 288 Vac | | |
| Power consumption | ≤ 0.8 W | ≤ 1 W | |

| Measurement Range | | | |
|-------------------|-------------------|-------------------|-----------|
| Line voltage | / | 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 100 A/40 mA (5 m/16.4 ft.) | 3 CT 100 A/40 mA (5 m/16.4 ft.) | 3 CT 250 A/50 mA (5 m/16.4 ft.) |
| | | | |