

Smart Power Sensor



Accurate

Class 1 measurement accuracy



Simple & Easy

LCD display, easy to set and check



Energy Efficient

Overall power consumption ≤ 1.5 W

| Technical Specification | DTSU666-HW/YDS60-80 |
|------------------------------|--|
| General Data | |
| Dimension (H x W x D) | 100 x 72 x 80 mm (3.9 x 2.8 x 3.1 inch) |
| Mounting type | DIN35 Rail |
| Weight (including cables) | < 0.5 kg |
| Power Supply | |
| Power grid type | 3P4W/3P3W |
| Input voltage (line voltage) | 90 ~ 500 Vac |
| Power consumption | ≤ 1.5 W |
| Measurement Range | |
| Line voltage | 90 Vac ~ 1000 Vac (> 500 with external PT ¹) |
| Phase voltage | 52~577 Vac |
| Current | 0 ~ 80 A(>80 with external CT ²) |
| Measurement Accuracy | |
| Voltage / Current | ± 0.5 % |
| Power / Energy | ± 1 % |
| Frequency | ± 0.01 Hz |
| Communication | |
| Interface | RS485 |
| Baud rate | 4800/9600/19200/115200 (Default 9600bps) |
| 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 2nd voltage of PT should be 100V. And accuracy should be better than Class 0.5
*2 2nd current of CT should be 1A or 5A. And accuracy should be better than Class 0.5