



T-VER-8051-300 Sensor

Veris Kilowatt Hour Transducer 1-Phase, 300 Amp Sensor

The Veris AC Kilowatt Transducer incorporates one split-core AC current sensor and two voltage leads and outputs a signal proportional to kilowatts of power (consumption). Accepting an input primary voltage of 208 to 480 Volts AC rms, this transducer requires a Pulse Input Adapter. Because these sensors tie directly into the line, they should be used only by qualified personnel. NOTE: Not recommended for use with variable frequency drives.



Supported Measurements:

Kilowatt Hours (kWh)

Key Advantages:

- Split-core installation eliminates the need to remove conductors
- Self-contained 0 to 300 AMP current transducer for single-phase power monitoring
- Accurate electronic pulse output

T-VER-8051-300 Sensor Specifications

Frequency: 50 to 60Hz

Accuracy: $\pm 1\%$ (3-phase model conforms to ANSI C12.1 metering standards)

CT range: 0-300 Amp (T-VER-8051-300); 0-800 Amp (T-VER-8053-800)

Circuit connection: 3- or 4-wire

Maximum output current: 100mA at 24VAC/DC

Operating temp range: 0° to 60°C (32° to 140°F)

Operating humidity range: 0-95% RH (non-condensing)

Output signal to HOBO Energy Logger: Pulse (Normally open Opto-FET)

Pulse Width: 200 msec

Opening dimensions of each CT

T-VER-8051-300: 3.8 x 3.2 cm (1.5 x 1.25")

T-VER-8053-800: 7.3 x 6.2 cm (2.9 x 2.5")

Number of data channels: 1

To download the manual from Veris click [here](#).

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