



## T-VER-8053-800 Sensor

### Veris Kilowatt Hour Transducer 3-Phase, 800 Amp Sensor

The Veris AC Kilowatt Transducer incorporates three split-core AC current sensors and three voltage leads and outputs a signal proportional to kilowatts of power (demand). Accepting an input primary voltage of 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 800 AMP current transducer for large 3-phase AC loads
- Accurate electronic pulse output

## T-VER-8053-800 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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