

Electrical Power Transducers

Electric Utility-Grade Power Transducers for SCADA and Energy Management Systems Monitoring



Available Models

- ◆ Watt
- ◆ VAR
- ◆ Watt/VAR
- ◆ Current
- ◆ Voltage
- ◆ Frequency
- ◆ DC Voltage
- ◆ Phase Angle
- ◆ Power Factor
- ◆ Temperature
- ◆ Neutral Current
- ◆ Watthours
- ◆ VARhours
- ◆ Qhours
- ◆ Volthours
- ◆ Amphours
- ◆ Analog-to-Pulse

Proven Superior by Utilities and Industry since 1969, TransData Transducers Provide Exceptional Quality, Accuracy & Reliability

- Precision Engineered for Superior Accuracy, Stability and Reliability
- Pin-for-Pin Direct Replacement for Other Brands
- Best-in-Class $\pm 0.2\%$ and $\pm 0.1\%$ Accuracy Class Models Available
- 5000 Volts "Industry Best" Surge Withstand Capability
- Up to 300% Overload with Stated Accuracy and Linearity



TRANSDATA[®]
www.transdatainc.com

Measuring Today's Energy...

Your Number-One Source for Reliable, Electric Utility-Grade Power & Energy Transducers

TransData is established as the leading manufacturer of advanced solid-state power and energy transducers for electric utilities and industry since 1969.

TransData electrical power transducers are used in a variety of Distribution Substation, Generation and Industrial applications for measuring AC and DC power quantities and providing real-time analog signals and/or KYZ pulse data to SCADA and Energy Management Systems.

TransData electrical power transducers are precision engineered to exacting standards utilizing the finest materials and components to provide superior accuracy, stability and long-term reliability performance. Our transducers are direct pin-for-pin wiring compatible with other brands and feature the utility specified all-steel enclosure with standardized mounting footprint.

TransData provides best-of-class power and energy measurement products and exceptional technical support that enables our customers to more efficiently measure, manage and communicate system energy data.

When you specify TransData, you're getting the absolute best quality and value available in the marketplace.



Transducer Selection Guide

| STANDARD MODELS - 120 Volts, 5 Amps, 60 Hz | 0-1mA | ±1mA | 4-20mA | 4-12-20mA | KYZ Pulse Output |
|--|---------|--------------|-------------|-------------|------------------|
| Ampere 1 Phase | 10CS501 | ----- | 10CP552 | ----- | 10AHS511EM |
| Ampere (3 in 1 Model) | 30CS501 | ----- | ----- | ----- | ----- |
| Voltage 1 Phase | 10PS501 | ----- | 10VP552 | ----- | 10VHS511EM |
| Voltage (3 in 1 Model) | 30PS501 | ----- | ----- | ----- | ----- |
| DC Voltage Battery Monitor (Specify Voltage) | 10ID70X | ----- | 10ID71X | ----- | ----- |
| 1 Element Watt | ----- | 10EWS501(E) | 10WP552 | 10WP552-12 | 10WHS511(521) |
| 2 Element Watt | ----- | 20EWS501(E) | 20WP552 | 20WP552-12 | 20WHS511(521) |
| 2½ Element Watt | ----- | 25EWS501(E) | 25WP552 | 25WP552-12 | 25WHS511(521) |
| 3 Element Watt | ----- | 30EWS501(E) | 30WP552 | 30WP552-12 | 30WHS511(521) |
| 1 Element VAR | ----- | 10ERS501(E) | 10RP552 | 10RP552-12 | 10RHS511(521) |
| 2 Element VAR | ----- | 20ERS501(E) | 20RP552 | 20RP552-12 | 20RHS511(521) |
| 2½ Element VAR | ----- | 25ERS501(E) | 25RP552 | 25RP552-12 | 25RHS511(521) |
| 3 Element VAR | ----- | 30ERS501(E) | 30RP552 | 30RP552-12 | 30RHS511(521) |
| 1 Element Watt-VAR (Isolated Outputs) | ----- | 10EWRSS25(E) | 10WRP552 | 10WRP552-12 | ----- |
| 1 Element Watt-VAR (Common Ground) | ----- | 10EWRSS50(E) | ----- | ----- | ----- |
| 2 Element Watt-VAR (Isolated Outputs) | ----- | 20EWRSS25(E) | 20WRP552 | 20WRP552-12 | ----- |
| 2 Element Watt-VAR (Common Ground) | ----- | 20EWRSS50(E) | ----- | ----- | ----- |
| 2½ Element Watt-VAR (Isolated Outputs) | ----- | 25EWRSS25(E) | 25WRP552 | 25WRP552-12 | ----- |
| 2½ Element Watt-VAR (Common Ground) | ----- | 25EWRSS50(E) | ----- | ----- | ----- |
| 3 Element Watt-VAR (Isolated Outputs) | ----- | 30EWRSS25(E) | 30WRP552 | 30WRP552-12 | ----- |
| 3 Element Watt-VAR (Common Ground) | ----- | 30EWRSS50(E) | ----- | ----- | ----- |
| Frequency ±1Hz (59-61Hz) | 60HS911 | 60HS912 | 60HS911-552 | ----- | ----- |
| Frequency ±5Hz (55-65Hz) | 60HS951 | 60HS952 | 60HS951-552 | ----- | ----- |
| Phase Angle - Voltage vs. Voltage | 10PA503 | 10PA501 | 10PA501-552 | ----- | ----- |
| Power Factor - Voltage vs. Current | 10PA523 | 10PA521 | 10PA521-552 | ----- | ----- |

(E) Suffix when added to the model number denotes External Power Supply Option on Selected Models

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