



## PALADIN TRANSDUCERS

### CROMPTON INSTRUMENTS

#### KEY FEATURES

- Measurement of most electrical parameters
- Flexible Design with up to Three Transducers in One Housing
- Conversion to standard DC output signals
- Outputs suitable for indication, PLCs
- Flame Retardant
- Multiple outputs in single housing
- Self Powered and Auxiliary
- Reduction of signal levels for ease of metering
- Isolated output for safety
- Protection against high voltage and overload

TE Connectivity's (TE) Crompton Instruments extensive range of transducers providing measurement, isolation and conversion of electrical parameters into industry standard DC output signals. The range offers protection against high voltage and overload, and resistance to vibration in harsh electrical environments. The transducer range also offers multiple analogue outputs in a single housing and individual measurement of most electrical parameters.

The multi function Integra 1560 and 1580 transducers offer uncomplicated operation and high accuracy <0.2% measurement of single and three-phase voltage, current, frequency, Watts, VAR, VA, energy and power factor, and total harmonic distortion measurement of both phase and system current and voltage.

Alternatively, an optional menu driven display unit can be used to configure and monitor up to 32 measured parameters. Display panel unit can be permanently mounted next to the transducer or simply connected at times when configuration, adjustment and/or status information is required.

**Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.**



AC CURRENT				
	Part number	Output	Auxiliary Power	Input
AC Current—Average Sensing, Single-Phase	253-TAAU-LSFA-C6	0-1 mADC	Self	5A AC/60 Hz
	253-TALU-LSHG-C6-DG	4-20 mADC	120 VAC	5A AC/60 Hz
AC Current—Average Sensing, 3-Phase, 3 DC Outputs	256-TASU-LSFA-C6-DG	0-1 mADC	120 VAC	5A AC/60 Hz
	256-TALU-LSHG-C6-DG	4-20 mADC	120 VAC	5A AC/60 Hz
AC Current—True RMS Sensing, Single-Phase	253-TARU-LSFA-C6-DG	0-1 mADC	120 VAC	5A AC/60 Hz
AC Current—True RMS Sensing, 3-Phase, 3 DC Outputs	256-TARU-LSFA-C6-DG	0-1 mADC	120 VAC	5A AC/60 Hz
AC Current—Bi-Directional	256-TABU-LSM1-C6-PQ-T3	±1 mADC	Self (120 VAC)	5A AC/60 Hz

AC VOLTAGE			
Input	Auxiliary Power	Output	Part number
AC Voltage—Average Sensing, Single-Phase			
120 VAC/60 Hz	Self	0-1 mADC	253-TVAU-PQFA-C6
120 VAC/60 Hz	120 VAC	4-20 mADC	253-TVLU-PQHG-C6-DG
AC Voltage—True RMS Sensing, Single-Phase			
120 VAC/60 Hz	120 VAC	0-1 mADC	253-TVRU-PQFA-C6-DG
AC Voltage—True RMS Sensing, 3-Phase, 3 DC Outputs			
120 VAC/60 Hz	120 VAC	0-1 mADC	256-TVRU-PQFA-C6-DG
AC Voltage—Suppressed Zero AC, Expanded Scale			
108-132 VAC	Self	0-1 mADC	253-TVZU-A9FA-C6
Input	System	Output	Part number
AC Voltage—Average Sensing, 3-Phase, 3 DC Outputs			
120 VAC/60 Hz	3-Phase, 3-Wire	4-20 mADC	256-TVLU-PQHG-C6-DG
120 VAC/60 Hz	3-Phase, 4-Wire	0-1 mADC	256-TVSU-PQFA-C6-DG

FREQUENCY			
Input	Frequency	Output	Part number
120 VAC	45-55 Hz	0-1 mADC	253-THZU-PQFA-AG
120 VAC	55-65 Hz	0-1 mADC	253-THZU-PQFA-AN
120 VAC	45-65 Hz	0-1 mADC	253-THZU-PQFA-AJ
120 VAC	360-440 Hz	0-1 mADC	253-THZU-PQFA-BI



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