

0.5 Transducers

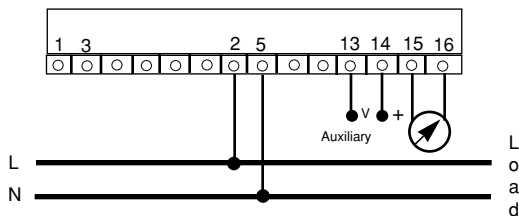
Paladin 250 Series

A.C. Voltage Transducer Average Sensing Auxiliary Powered

Features / Benefits

- ✓ Average sensing and calibrated to indicate the RMS value of a sinewave with up to 1% distortion.
- ✓ Model TVL provides a voltage output with a live zero. (4-20mA)
- ✓ All models have input and output isolation.
- ✓ Auxiliary power allows measurement of voltages down to zero.

253-TVLU



Specification

Inputs: 63.5, 100, 110, 120, 220, 240, 250, 380, 400, 415, 440 and 480V a.c.
50 or 60 HZ
Refer to factory for other inputs

Auxiliary Power:

A.C. 100, 110, 120, 220, 240, 250, 380, 400, 415, 480V a.c.

D.C. 12V, 24V, 48V, 110, 120V or 135V d.c.
Refer to factory for other inputs

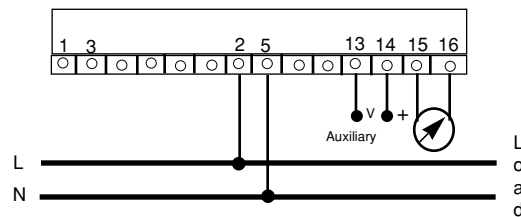
For outputs and full specification see page G3
For 256-TVL or 256-TVS connection diagrams see page G30 diagram 11.

Voltage Transducer Suppressed Zero A.C. Voltage Expanded Scale

Features / Benefits

- ✓ The bandwidth can be 10-30% either side of the nominal.
- ✓ Average sensing and RMS calibrated.
- ✓ Isolation is provided between input and output.
- ✓ Allows display of small changes within a large voltage.
- ✓ Allows 'expanded scale' measurements at critical voltage levels.

253-TVZU



Specification

Inputs: Between +/- 10% and +/- 30% of nominal
63.5, 100, 110, 120, 139, 208, 220, 240, 250, 277, 380, 400, 415, 440V and 480V a.c.
50 or 60 HZ
Refer to factory for other inputs

Outputs: 0/1mA d.c., 0/5mA, 0/10mA, 0/20mA, 4/20mA d.c.

For outputs and full specification see page G3.

Single Phase. Live Zero. A.C. Voltage Transducer. Auxiliary Powered. 1 D.C. output.			
INPUT A.C.	A.C. AUX POWER	O/P D.C.	CATALOG N°
120V	120V	4/20mA	253-TVLU-PQHG-C6-DG
3 Phase. Live Zero. A.C. Voltage Transducer. Auxiliary Powered. 3 D.C. outputs.			
INPUT A.C.	SYSTEM	O/P D.C.	CATALOG N°
120V	3 Phase 3 wire	4/20mA	256-TVLU-PQHG-C6-DG
120V	3 Phase 4 wire	0/1mA	256-TVSU-PQFA-C6-DG

Single Phase. Suppressed Zero A.C. Voltage Transducer. Self Powered. 1 D.C. output.			
INPUT A.C.	A.C. AUX POWER	O/P D.C.	CATALOG N°
108-132V	Self	0/1mA	253-TVZU-A9FA-C6

3 in 1 models contain three totally isolated transducers