VOLTAGE TRANSDUCERS

3 IN 1 RMS VOLTAGE TRANSDUCER — *MODEL* 3VTR

THREE RMS VOLTAGE TRANSDUCERS IN ONE ENCLOSURE

FEATURES

- Accurate measurement of the **true RMS** value of input signals over a wide frequency range
- 2200Vac Input/output isolation.

INPUT	STANDARD OUTPUTS MODEL 3VTR-			
AC VOLTS	0-1mAdc	4-20mAdc	0-10Vdc	0-5Vdc
0-150	001B	001E	001D	001X5
0-300	002B	002E	002D	002X5
0-600	004B	004E	004D	004X5

APPLICATIONS

- For use when measurement of non-sinusoidal waveforms is required.
- Designed for use in three phase systems, but may also be used to monitor three single-phase circuits where panel space is limited.

ORDERING INFORMATION
Example: (3) 120Vac inputs with (3) 0-10Vdc outputs
3VTR-001D

SPECIFICATIONS

INPUT

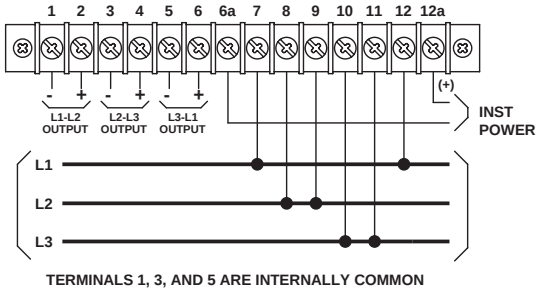
Voltage ..... See Table
Frequency Range ..... 48 to 420Hz
Burden (Each Input) ..... 0.4VA @ F.S.
Overload ..... F.S. Rating
Dielectric Test ..... (Input/Output/Case) 2200Vac
Instrument Power (Std.) 85-265Vac, 48-420Hz, 5VA
or 110-370Vdc, 5VA

OUTPUT

Output Ripple ..... < 1.0% F.S.
Response (90%) 100ms
Output Loading (Ω)
0-1mAdc 0-10K
0-5Vdc, 0-10Vdc ..... 2K min.
4-20mAdc 0-500
Field Adjustable Cal. ..... ± 10%
ACCURACY ..... ±0.25% F.S. @ 60Hz
Includes effects of linearity and set point.
±0.5% F.S. Typical Over Frequency Range
Temperature Effect ..... (-20°C to +60°C) ... ±1.0% Rdg.

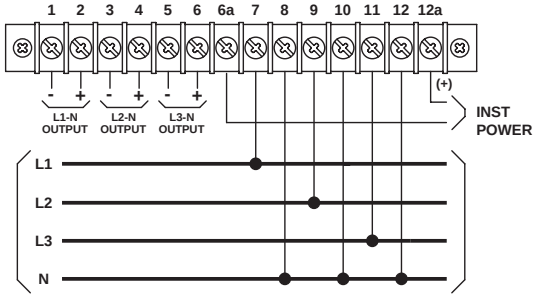
CONNECTION DIAGRAMS

THREE-PHASE, THREE-WIRE



TERMINALS 1, 3, AND 5 ARE INTERNALLY COMMON

THREE-PHASE, FOUR-WIRE



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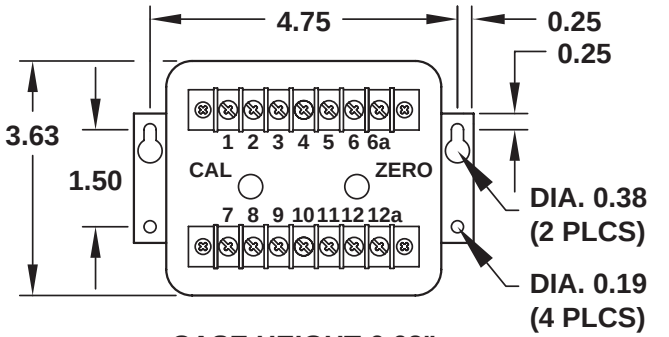
CASE DIMENSIONS



CASE HEIGHT 6.63"
2.5 Lbs.

All Dimensions In Inches

All units have universal power supply 85-265Vac, 48-420Hz or 110-370Vdc.

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