

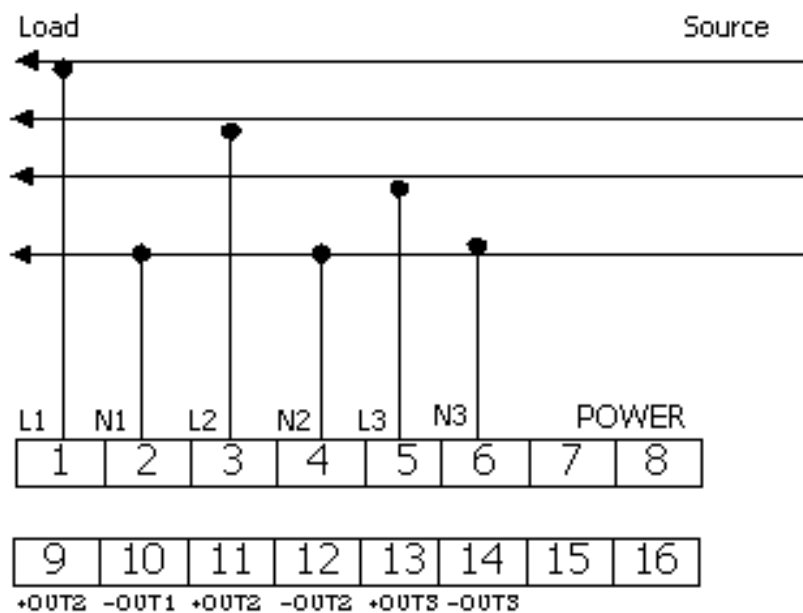
Voltage Transducer (3 phase)

VT195



- Input 3 Phase, 0-150 VAC, 0-300 VAC
- Output 4-20 mA, 0-5 VDC, 0-10 VDC
- Isolated Input, Output and Power Supply

Voltage Transducer VT195 is designed for converting 3 phase sinusoidal alternating voltage into a load independent DC output signal proportional to the measured RMS input values.



Specifications

Input

Number of channel: 3 Channels

Input type: Voltage (3 Phase)

Input range: 0 to 150, 0 to 300 VAC
(overrange 120% continuously, 150% for 10 sec.)

Input loss: < 0.3 VA

Analog Output

Number of channel: 3 Channels

Output type: Current, Voltage

Output range:

Current Max 0 to 1 mA (Load Resistance 10 K Ω)

Current Max 0 to 5 mA (Load Resistance 2 K Ω)

Current Max 0 to 10 mA (Load Resistance 1 K Ω)

Current Max 0 to 20 mA (Load Resistance 600 Ω)

Current Max 4 to 20 mA (Load Resistance 600 Ω)

Voltage Min 0 to 10 mVDC (Load Resistance 500 Ω)

Voltage Min 0 to 100 mVDC (Load Resistance 500 Ω)

Voltage Min 0 to 1 VDC (Load Resistance 500 Ω)

Voltage Min 0 to 5 VDC (Load Resistance 1 K Ω)

Voltage Min 1 to 5 VDC (Load Resistance 1 K Ω)

Voltage Min 0 to 10 VDC (Load Resistance 2 K Ω)

Linearity: < $\pm$ 0.5% of span

Power Requirements

Power Supply: 110, 220 VAC

Environmental Limits

Operating Temperature: 0 to 55 $^{\circ}$ C

Operating Humidity: 5 to 95% RH

Storage Temperature: 0 to 70 $^{\circ}$ C

Physical Characteristics

Dimension: W132 x H132 x D162 mm.

Mounting: Wall mount (Din Rail Optional)

Wiring: Screw terminals

Warranty

Warranty Period: 5 year

Ordering Information: Specify Input, Output, Power supply

Example VT195/0-150 VAC/4-20 mA/220 VAC

Package Checklist

1. VT195