

Lindsey VMT Voltage Sensor Relay Interface

The Lindsey VMT is a circuit board for inclusion in RTUs or controls that provides an optimum interface between Lindsey Voltage Monitors (overhead or underground) and low impedance protective relays, metering devices, and other IEDs. It features three channels to accommodate a typical 3-phase voltage monitoring application.

Lindsey voltage monitoring insulators and underground cable accessories are designed to drive high impedance (low burden) devices. The VMT board provides the needed high impedance input for the Lindsey voltage monitors, and provides outputs designed specifically to drive low impedance devices.

Features include:

- **3-phases in a single package**
- **Metering grade accuracy**
- **Wide bandwidth provides resolution to the 70th harmonic**
- **Integral power supply accepts 120VAC, 24VDC, or 48VDC power sources**



Specifications

Input voltage: 120VAC nominal, 1000VAC maximum
Output voltage: 120VAC nominal, 150VAC maximum
Frequency bandwidth: 30 – 4200 Hz
Output burden: >10 kOhm

Power Requirements

Selectable
120VAC, 135mA (90VAC min, 126VAC max)
24VDC, 420mA
48VDC, 200mA

Dimensions

100mm wide x 250mm long x 50 mm high (4 " wide x 10" long x 2" tall)
1.0 kg (2.25 lbs)

Power Ride Through

Greater than 15 cycles
Under loss of control power the VMT maintains signal output for a minimum of ¼ second (does not apply when operated from 48VDC auxiliary power)

Ordering Information

Part number 9350

