

# VCMP Series

## Voltage/Current Monitoring Panel



## Features

- Provides a safe way for non-technical personnel to monitor system voltage and current
- Screw Terminal Current Taps Included
  - 1" inside diameter
- All Connecting Wires Included
- NEMA 4X Non-Metallic Enclosure
- Stainless Steel Lockable Latches
- 1" Hub, LB and other fitting necessary for mounting included
- Easy to access test points

## Quality

- 5 Year Warranty
- Factory Tested Prior to Shipment
- APT's Quality Management System is ISO 9001:2000 Certified

## Specifications

### General

- Enclosure Dimensions: 31cm X 26cm X 15.5cm (12" x 10" x 6")
- Weight: 11.4 kg (25 lbs.)
- Relative Humidity Range: 0 – 100% Non-Condensing
- Operating Frequency: 50Hz, 60Hz
- Operating Temperature: -40°C (-40°F) to +85°C (+185°F)
- Dielectric Isolation: 40kV

### Voltage Monitoring

- Voltage Input Range: 0 – 5000 Volts AC
- Input Impedance: > 14 Meg Ohm
- Input Load: < 0.4mA @ Max Operating Volts
- Test Point/Input Ratio: 1000:1
- Accuracy @ 55° C: +/- 1%
- Maximum Transient Voltage Input: 40kV

### Current Monitoring

- External CT: 200A Maximum Line Current (Supplied)
- Input Current from CT: 0 – 100mA
- Burden Resistor for CT" 2 Ohm +/- 0.1%
- Test Point/Input Ratio: 1000:1
- Accuracy @ 55° C: +/- 1%

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