



MP Series

Medium Voltage

Voltage/Current Monitoring Panel



VMP - Voltage Monitoring only
VCMP - Voltage and Current Monitoring

Specifications

GENERAL:

- Enclosure Dimensions
- 31cm (12") X 26cm (10") X 15.5cm (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)

VOLTAGE MONITORING:

- Voltage Input Range: 0 - 5000 Volts AC
- Input Impedance: > 14 Meg Ohm
- Input Load: < 0.4 mA @ 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)
- Current from CT: 0 - 100mA
- Burden Resistor for CT: 2 Ohm +/- 0.1%
- Test Point/Input Ratio: 1000:1
- Example: 200 Amps AC = 0.200 Volts AC
- Accuracy @ 55° C: +/- 1%

Design Features

- Provides a safe way for non-technical personnel to monitor system voltage and current
- Screw Terminal Current Transformers Included
- 1.25" inside diameter
- NEMA 4X Non-Metallic Enclosure
- Stainless Steel Lockable Latches
- 1 1/4" Threaded Female Hub included
- Pre-wired with 8ft of #14 AWG, 15kV wire for phase connections and #12 AWG for ground wire connection
- Pre-wired with 8ft of #14 AWG wire for CT's
- Easy to access "Touch Safe" test points

Quality

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

SURGTEC

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