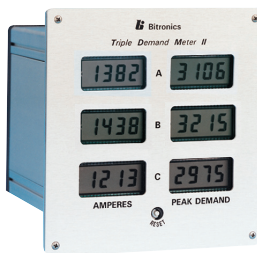


Model AQADC2A:  
QUAD II  
Amp Demand Meter  
3-Phase, with Neutral



Model ATADC2A:  
Triple II  
Amp Demand Meter  
3-Phase



Model ASADC2A:  
SINGLE II  
Amp Demand Meter  
1-Phase  
ADF-7 retrofit



Model VTAMC2A:  
Triple II  
Volt Min/Max Meter  
3-Phase



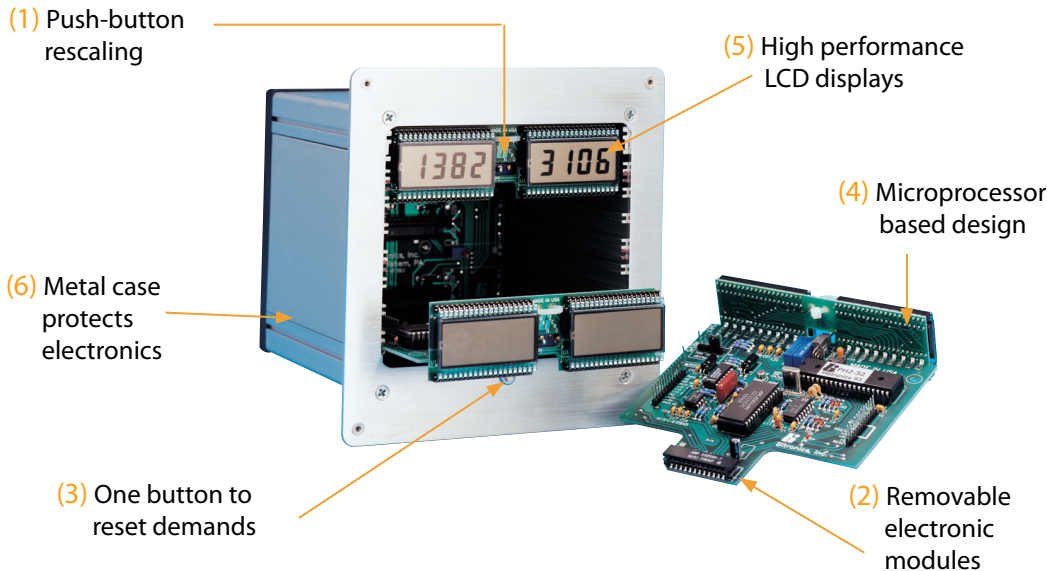
Model VSAMC2A:  
Single II  
Volt Min/Max Meter  
1-Phase

**AMP DEMAND METERS** measure and display True RMS Amperes per phase and peak thermal ampere demand per phase since last reset. A face-plate button is used to reset peak demand amperes.

**VOLT MIN/MAX METERS** measure and display True RMS Voltage per phase and Maximum voltage per phase since last reset. Minimum voltage is displayable using a faceplate push-button. Holding the faceplate push-button is used to reset Min/Max voltage measurements.

### Specifications

- **Current Input Signal:** 0 to 5A ac nominal per phase, with continuous overload measurement to 10A (400 A for 2 seconds). Burden is 4 mV at 5A ac (0.02 VA)
- **Current Input Scaling:** Switch selectable scaling from internal table of CT ratios for displaying primary amps
- **Voltage Input Signal:** 0 to 120V ac nominal per phase, with continuous measurement to 150V ac Burden is < 1 mA ac at 120V ac input (0.1 VA)
- **Voltage Input Scaling:** Switch-selectable scaling from internal table of PT ratios for displaying primary voltage
- **Accuracy:** Exceeds 0.5% accuracy class. True rms.
- **Display:** 0000 to 9999 with user selectable decimal position
- **Analog Output (Option):** 0 to 1 mA dc per phase into loads up to 10kΩ or less
- **Demand Interval:** Integration time is user selectable from 7 sec. to 1 hr.
- **Surge Withstand:** Meets requirements set forth in ANSI/IEEE std. C37.90
- **Auxiliary Power Requirements:** 115V ac ±20%, 6 VA power supply  
Optional 230V ac ±20% power supply  
Optional universal AC/DC supply:  
48-125V dc/115V ac (nominal)
- **Operating Temperature:** -20C to +70C



**Features and Benefits**

- Demand measurements indicate true loading for load planning and phase balancing purposes.
- All settings and peak demand/min/max values are stored in non-volatile memory without batteries. One push-button resets peak demand/min/max values. (3)
- Save panel space by using optional SCADA outputs (0-1 mA on each phase).
- Field upgradeable design allows SCADA outputs to be added in the field without removing meters from service. Electronic modules can be removed from the front without de-energizing the instrument. CT circuits are not interrupted. (2)
- Full galvanic isolation on all inputs and state-of-the-art circuitry protects against damaging voltage transients.
- Heavy duty internal CT circuits are used on Amp demand meters to withstand fault currents.
- Push-button rescaling accommodates common ANSI CT & PT ratios. (1)

- Microprocessor-based circuitry does not require periodic calibration. (4)
- High contrast, extended temperature LCD displays are visible at wide angles on direct sunlight. (5)
- Backlit display option available for visibility in the dark. (see below)
- Gasketed, brushed aluminum case protects circuitry against dust, humidity, and pests. (6)



All models available with optional backlit display or black anodized face-plate.

**Contact:**