

# Ampere Demand Meter



- ◆ **Low Profile Standard Socket**
- ◆ **Manual or Automatic Reset**
- ◆ **0-5Amp AC Input Range**
- ◆ **Powered by CT Current**
- ◆ **24 Hour Backup Power**
- ◆ **Time Stamped Min/Max**
- ◆ **REA Listed**

## APPLICATIONS REPLACES LINCOLN TYPE THERMAL AMMETERS WITHOUT EXTERNAL POWER

This new series Demico Ampere Demand Meter provides accurate, affordable, true RMS monitoring of electrical power circuits. The power supply is derived from the monitored current. The CT current powers the meter and charges the external supercapacitor at currents greater than one Amp. The current signal is also processed through true RMS circuitry before being digitized, numerically averaged, and displayed on the 4 digit LCD display.

The meter will indicate properly up to 50% over the maximum range. The meter is accurate to 0.5% over a wide temperature range for dependable data in hot and cold weather.

The digital logarithmic averaging produces the same thermal response as the original Lincoln meter. The meter can automatically collect and store monthly Ampere Demand data to help maintain system reliability. Peak Demand can be recorded accurately with the internal real time clock's one minute resolution time stamping.