



*The Solutions Provider*

The **eCAP-9450** provides three-phase, single-phase, 3-step, or 2-step capacitor bank control. It provides SCADA functionality via DNP or any other available byte-oriented server protocol available to the 6ACP6.

The **eCAP-9450** accepts voltage and current inputs from either Line Post Sensors or PTs and CTs. Cap bank switching is based on either voltage or kVAR, with a local voltage override included. Neutral current detection is available.

Configuration is via the Windows based software, **ConfigWiz 2.0**, a user-friendly Graphical User Interface (GUI) with an application-specific organization that reduces the possibility of configuration errors. Configuration can be done locally, or remotely through your enterprise network.

Visit **[www.qeinc.com](http://www.qeinc.com)** to find out more about our systems, software, and capabilities.



eCAP-9450



NEMA 4, Front Access Enclosure for Easier Installation and Service

# Capacitor Control

## Three-Phase Multifunction Controllers

### Controller Features & Benefits

- ◆ **Front Panel Switch Control:** A,B,C Phase, A,B,C open/close, auto/manual, local/remote and lock-out.
- ◆ Multi-line LED readout and LED indicators for assessment of operation.
- ◆ **Auto Control:** Fully automatic control based on internal user-defined switching algorithms
- ◆ **Lockout:** Failure detected - control operations blocked until reset either locally or from the SCADA Master Station
- ◆ **LCD Panel** (integrated values):
  - kW per phase and total
  - kW max, min, avg, accumulated, accumulated continuous
  - kVAR per phase and three phase kVAR
  - Voltage imbalance
  - Current imbalance
  - Power factor
- ◆ 17Ah battery, up to 8 hours of operation
- ◆ 12Vdc power for radio is included (+12Vdc nominal @ 2 A max)
- ◆ **Flexible SCADA Communications:**
  - DNP3, Modbus, QUICS, and many more
  - Serial, Ethernet
  - Radio, Cell, Modem
- ◆ Provides six relay outputs (rated at 20 Amps/250VAC) arranged as three trip/close pairs for independent or ganged control of three cap bank switches

QEI, LLC founded 60 years ago, has been serving the Electric Utility market with products and services in Distribution/Feeder Automation, Substations and Control Rooms. As an ISO9001:2015 Registered Company, QEI offers a dedicated fully staffed Customer Service department to support all our hardware and software products with in house product repairs, onsite startup/commissioning services and training in a location of your choice, and more. **QEI, "The Solutions Provider" we look forward to serving your needs.**

