NeXGen™ CCU-462

The Telescada NeXGen™ CCU-462
Wireless Capacitor Controller
with integrated Silver Spring ® Networks eBRIDGE

PRODUCT BRIEF

The Telescada NeXGen™ CCU-462 Wireless Capacitor Controller is a powerful, flexible and economical solution for 2-Way wireless distributed capacitor control, status monitoring and alarming. The NeXGen™ CCU-462 meets the needs of distribution engineers for the monitoring and control of new distribution capacitor banks or the upgrade of limited capability local controllers or one-way switches.

The NeXGen™ CCU-462 provides users with a core of 8 configurable analog and 4 digital status inputs for monitoring. The NeXGen™ CCU-462 dedicated AC line voltage measurement input is accurate to +/- 1% @ 117VAC. The NeXGen™ CCU-462 can also transmit data from an IED (intelligent electronic device), or smart meter via its RS-232 serial communications link.

The NeXGen™ CCU-462 communicates with distributed capacitor control SCADA programs via DNP3 or MODBUS protocols

■ Communications
• 1 (one) RS-232/RS-485 IED Comm. Port
• 1 (one) RS-232 Remote/Local Comm. Port
• 1 (one) Ethernet Commmunication Port
• DNP3.0 / MODBUS Protocols Standard
• Store and Forward Repeating / Routing
• Optional Integrated Communications Packages
    Verizon ® Cellular
    UHF/VHF/900MHz Digital Radio
    Silver Spring ® Networks eBRIDGE

■ Analog Inputs
• 6 (six) 0-5VDC Analog Inputs
• 2 (two) 0-10VAC Analog Inputs
• 1 (one) Single Phase AC Line Voltage Input
    +/-1% accuracy at 117VAC
• Data Recording on Each Input

■ Digital Inputs
• 4 (four) Optically Isolated Digital Inputs
• Data Recording on Each Input

■ Control Relays
• 2 (two) Rated 30A at 240 VAC
• Configurable OPEN/CLOSE timing
• Configurable safety timer
• Digital Counter with Data Recording

■ Power Supply & Physical Form Factor
• 120, 240, 480 VAC Input Options
• 8.0" x 8.0" x 4.0" NEMA 4X Enclosure
• 4 or 6 Stab Socket or Pole Mount Options

■ Local Controls & Feedback Indicators
• High Brightness External RED/GREEN State LED
• High Brightness External Fault LED
• Local TRIP / CLOSE Pushbuttons
• Local SCADA Lock-Out Switch
• Optional Mechanical Counter

Monitor, Alarm, Record, Communicate and Control

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