

iBOX™ SERIAL SUBSTATION CONTROLLER

Substation Automation Solutions

FACT SHEET

Affordable and Reliable Substation Automation

The value of automation has been field proven in thousands of installations. The lower in the control hierarchy you push automation, the more cost-effective and reliable it becomes. The iBOX™ Serial Substation Controller is an economical substation controller combining advanced functionality, multiple communication ports and local I/O in a small footprint that is ideal for retrofit and upgrade projects.



Benefits

- Low unit cost makes it affordable to automate more devices leading to improved management of substation equipment and resources
- Rugged, compact design fits into existing enclosures without environmental control equipment, or added surge, impulse or EMI protection
- Comprehensive protocol library gives flexibility to set up a gateway and data concentration for feeder IEDs, such as switches, reclosers, voltage regulators, revenue meters and capacitor bank controllers
- Multiple status wetting voltages support equipment monitoring
- Single point of failure and select-before operate control relays issue secure and reliable control operations
- Optional LogicLinX® soft logic automation tool smoothly implements popular distribution automation applications, such as capacitor bank control, outage prevention programs and feeder resource optimization
- Windows®-based LogicLinX Editor makes it easy to build, implement and maintain multiple automation algorithms on-line with the iBOX Serial Substation Controller
- Full compliance with demanding international engineering standards, including IEC®, CE Mark, and North American IEEE® impulse and surge standards, guarantee a quality product backed by our ISO® 9001: 2000 accreditation



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