

Managed Ethernet Switches used to Remotely Monitor Electrical Substations

Industry: Power & Energy

Product: Elinx™ EIR508-T Managed Ethernet Switch

• The Challenge

Keeping an electrical power substation running isn't as easy as one may think. The causes for disruption and fault are continuous. One never knows when a piece of equipment may fail under normal conditions, or an overload or surge in the system trips a breaker, or an electrical storm passes by and damages the control equipment at the substation. With nobody on-site, repairing and replacing equipment can be very time consuming and costly. When failure occurs, the power company can't sell power to the customer and the customer can't run their business or home. Service outages are expensive with lost productivity, damaged goods, and customer satisfaction.

• The Solution

With Internet connectivity, Ethernet Managed Switches from B&B offer the electrical substation technician valuable feedback without having to be dispatched to the site first. By networking the control devices in the substation together via a Managed Ethernet Switch, the technician can quickly assess the situation remotely. The technician now knows what to bring to the failed substation and can quickly make repairs once on-site. Features like -40 to 75°C temperature rating, dual power inputs, alarm outputs and the rugged DIN or Panel mount metal case will keep the network running in the harshest of environments.

• Why B&B Electronics?

With over 250 electrical utility customers, B&B knows how to help our customers in this market. We offer a wide selection of industrial Ethernet Managed Switches and the support for them is always free. Taking into account the reliable, rugged features that are built into each switch and our vast experience, choosing B&B will make installation and maintenance easy and affordable.

• The Product

Elinx™ Model EIR508-T – Industrial 8 port Managed Ethernet Switch

- Dual power inputs to keep the system running non-stop
- Wide Temperature Rating -40 to 75°C for extreme conditions
- Alarm outputs can detect and warn the technician of network problems
- The metal DIN or Panel mount case is rugged, reliable and easy to install

