

DIADEM ARTIS RATIO

Protective Relay Panels

Crown Technical Systems manufactures exceptional protective relay panels to monitor and protect electrical apparatuses and transmission lines.

Metering Panels

Crown Technical Systems metering panels meet or exceed industry standards in quality and performance and are optimized to meet the size and shape to fit a customer's associated electrical layout.

SCADA Panels

Our communication panels are perfect for substation upgrade projects. Our SCADA panels use computer controls, communication monitoring, modems, annunciators, and radio gears that are required in most projects.



Relay Panels

Generating energy means nothing if you can't protect or control it. Crown Technical Systems Protective Control and Relay Panels provide the best solution for controlling, maintaining, and protecting the energy that flows through the grid and ultimately your substation.

Crown Technical Systems Control Panels are offered in a wide variety of designs that continue to evolve and develop to meet the different needs and objectives of a wide range of industries. With the ability to manufacture panels within our expansive 92,000 sq ft. facility, we can not only meet demanding specifications, but perform stringent testing as well.

Used in the protection of electrical apparatus and transmission lines detecting short circuits, overload, and other faults, Crown's protective relay panels are a perfect addition to any substation project. With our experienced fabrication and wiring teams, Crown stands by the quality of our relay panels products.

The quality that each of our protective relay panels are manufactured with directly correlates to the outstanding performance you will get in the field.

Complementing Crown Technical Systems protective relay panels, our metering panels meet and exceed industry standards for quality and performance as well. Our metering panels are preferred when a technician needs to check electrical output levels without having to access any internal sections.

Additionally, our communication panels, also known as Supervisory Control and Data Acquisition (SCADA), provide comprehensive equipment to provide a great solution for any communication panel needs. Crown's communication panels can include modems, annunciators, and radio gear that are crucial to most substation projects.

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TECHNICAL SYSTEMS

www.crowntechnicalsystems.com

MAXIMUM SKILL METHOD



FULL DUPLEX

Enclosed Structures with front and rear control panels, an access door and roof. Control panels can be a single or double 19 inch rack based on customer's specifications.

HALF DUPLEX

Single or double 19" freestanding racks with horizontal and vertical wire trays customized to meet customer's specifications.

CABINETS

a fully enclosed assembly with front and/or rear hinged door with either single or dual 19" rack structure. Cabinets can be customized to meet any projects unique needs.

SIMPLEX RACKS

Rack panels are custom fabricated, all equipment is mounted and wired according to customer's specifications.

Scope of Supply

- New or upgrading an existing substation with new equipment.
- Projects looking to adhere to an expedited schedule.
- Substation projects with serious & complex integration issues.
- Projects looking for a lower long-term cost to maintain equipment.
- Customers seeking to remove panels from an existing site and replacing them with new panels that meet the same dimensions and specifications.
- End Users looking to mitigate testing costs.

Panel Re-skin Options

Crown can provide replacement relay plates and incorporate wiring harnesses to mitigate field labor costs to implement panel upgrades.

We will remove an existing panel, take field measurements and manufacture a complete replacement panel that will fit into the opening created by the old panel's removal.

We can also manufacture replacement skin panels for shipment to the site for installation by field personnel. To make it easier to install the panel, skin panels are provided with mounting studs and all necessary hardware.

13470 Philadelphia Ave
Fontana, CA 92337
Main (951) 332-4170
Fax (951) 332-4179

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TECHNICAL SYSTEMS
PERFORMANCE IS OUR BUSINESS
QUALITY IS OUR FOUNDATION™