

Data Center & Critical Power Infrastructure

Integrated Circuit Solutions (ICS) provides custom-engineered electrical power solutions designed to meet the demanding requirements of industrial, commercial, utility, and critical infrastructure applications. From medium-voltage switchgear and motor control systems to hazardous area assemblies and mobile power skids, our team delivers reliable, code-compliant equipment built for performance, safety, and long-term durability. Backed by in-house engineering, manufacturing expertise, and expedited delivery capabilities, ICS helps customers reduce field labor, accelerate project schedules, and maintain operational continuity in even the most challenging environments.

Medium & Low Voltage Power Distribution

- » Switchgear Systems
- » Switchboards
- » Power Distribution Units (PDUs)
- » Distribution Panels
- » Redundant A/B Power Architectures

Data Center Infrastructure

- » White Space Power Distribution
- » Rack-Level Power Distribution
- » Power Capacity Expansion
- » Modular Power Systems & Buildings
- » Edge Data Center Infrastructure
- » Critical Infrastructure Upgrades



Critical Power Systems

- » UPS Integration
- » Battery Energy Storage Systems (BESS)
- » Automatic Transfer Switches (ATS)
- » Generator Paralleling Systems
- » Emergency Power Distribution
- » Critical Load Management

Power Monitoring & Energy Management

- » Power Monitoring & Energy Management
- » Remote Power Panels (RPP)
- » Branch Circuit Monitoring
- » Power Quality Analysis
- » Load Monitoring
- » Energy Management Systems
- » Capacity Planning & Reporting



Contact our team to explore our tailored solutions!

icstx.com

346-230-7191
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310 Beltway Green Blvd., Suite 400,
Pasadena, TX 77503



Volt-Lok™

Medium Voltage Load Break Switch

Engineered for Safety

Safety is a core part of the Volt-Lok design. Each switch is constructed to support safe operation, maintenance, and system reliability- prioritizing the protection of both jobsite personnel and connected equipment above all else.

- » Robust mechanical switching mechanism.
- » Reliable load break capability.
- » Carefully constructed insulated CU busbar per IEEE Standards.
- » Designed to support safe operator interaction and system isolation.
- » Built to perform in demanding industrial environments.

Custom OEM Electrical Assemblies

- » Custom Electrical Enclosures
- » Power Distribution Panels
- » Metering Panels
- » Relay & Protection Panels
- » UL 891 Switchboards
- » UL 508A Industrial Control Panels
- » NRTL Listed LV/MV Switchgear
- » Custom Engineered Power Solutions



Engineering & Design

- » Electrical System Design
- » One-Single-Line Diagram Development
- » Arc Flash Studies
- » Coordination Studies
- » Load Flow Analysis
- » Capacity Planning
- » Design-Build Services

Field & Lifecycle Services

- » Equipment Startup & Commissioning
- » Factory Acceptance Testing
- » Preventive Maintenance
- » Power System Troubleshooting
- » Infrastructure Upgrades
- » 24/7 Emergency Service Support



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