MELTRIC to Showcase Data Center Power Connection Solutions at Data Center World Power 2026

Visit MELTRIC, Booth #420 for live demos of Switch-Rated plugs and receptacles that simplify data center commissioning, maintenance, and power connections.

FRANKLIN, WI, UNITED STATES, September 21, 2026 / EINPresswire.com/ -- MELTRIC® Corporation, a leading manufacturer of industrial plugs and receptacles, will exhibit at Data Center World Power 2026. Attendees are invited to visit Booth #420 to see how MELTRIC's Switch-Rated plugs and receptacles can help data center owners, operators, contractors, and equipment manufacturers simplify electrical connections, accelerate commissioning, reduce maintenance downtime, and support efficient power delivery.

The unprecedented growth of data centers, driven by AI, cloud computing, and rapidly expanding digital infrastructure, is creating extraordinary demand for power and placing increasing pressure on developers to bring new capacity online faster. As construction schedules accelerate, electrical infrastructure must keep pace. MELTRIC's plug-and-play electrical connection solutions help streamline installation and commissioning by reducing field wiring and replacing traditional hardwired connections and separate disconnect switches in many applications. With the MELTRIC Advantage, project teams can accelerate buildouts and get critical equipment powered and operational faster.

MELTRIC Switch-Rated plugs and receptacles combine the functionality of a plug, receptacle, and disconnect switch in a single connection. Their modular design allows equipment to be prewired and final electrical connections to be made quickly onsite, reducing field wiring requirements and supporting faster commissioning.

Supporting Data Center Power Efficiency and PUE

In data centers, electrical efficiency extends beyond servers and cooling systems to the components responsible for delivering power throughout the facility. Electrical resistance generates heat, and that heat ultimately adds to the facility's cooling load.

MELTRIC Switch-Rated plugs and receptacles use spring-loaded, butt-style contacts with solid silver-nickel contact surfaces designed to maintain consistent contact pressure and low electrical resistance over thousands of operations. The resulting reduction in resistive heating helps minimize unnecessary energy loss and cooling demand, supporting efforts to improve overall Power Usage Effectiveness (PUE).

This combination of efficient power transfer, long-term contact performance, and plug-and-play connectivity makes MELTRIC particularly well suited for data center infrastructure where uptime, thermal management, and energy efficiency are critical considerations.

MELTRIC connections can be incorporated into equipment and systems including:
• HVAC and cooling equipment
• Chillers and liquid cooling systems
• CRAH and CRAC units
• Power distribution equipment
• UPS systems
• Generators
• Transformers
• Pumps, motors, and other critical facility equipment
• Temporary and commissioning power applications
• Built for Faster Data Center Deployment

MELTRIC's plug-and-play approach can also help data center contractors and operators reduce the time required to install, commission, replace, or relocate electrical equipment. For facilities built around redundancy and rapid serviceability, MELTRIC connections can support hot-swap strategies by providing a quick, safe means of disconnecting equipment from power and reconnecting replacement equipment without the time and labor associated with hardwired connections.

Equipment can be prewired with MELTRIC connections before arriving onsite, allowing final electrical connections to be completed quickly during installation. When equipment requires service or replacement, Switch-Rated connections allow power to be safely disconnected at the connection point and equipment to be unplugged, swapped, and reconnected in minutes. This can be especially valuable for redundant cooling, pumping, and other critical infrastructure where failed equipment must be replaced quickly while minimizing disruption to data center operations.

MELTRIC also supports fast-moving data center construction schedules with fast order fulfillment and in-stock, ready-to-ship availability on many common configurations, helping customers reduce procurement delays and keep projects moving.

Visit MELTRIC at Data Center World Power 2026
September 21-23, 2026

Gaylord Texan Resort & Convention Center | Dallas, Texas
Booth #420 | Show Map

Throughout Data Center World Power, MELTRIC representatives will provide hands-on product demonstrations showing how Switch-Rated technology allows qualified personnel to safely disconnect and reconnect equipment while reducing the steps associated with traditional hardwired installations.

Visitors can explore MELTRIC's dead-front safety design, enclosed arc chambers, quick-break switching mechanism, integral lockout/tagout provisions, and durable silver-nickel contact technology.

"Data center construction is moving incredibly quickly, while power density and cooling requirements continue to increase," said Rob Matuszewski, Product Manager. "MELTRIC gives project teams another opportunity to simplify how power is connected and maintained. At Data Center World Power, we want attendees to experience the technology firsthand and see how better electrical connections can support faster commissioning, easier maintenance, reliable power delivery, and greater overall efficiency."

The MELTRIC team will be available to discuss specific data center applications, power requirements, commissioning strategies, project timelines, PUE objectives, and opportunities to incorporate plug-and-play connections into new construction, expansions, equipment skids, and existing facilities.

Attendees are encouraged to stop by Booth #420 for a product demonstration, discuss an upcoming data center project with a MELTRIC specialist, and learn more about MELTRIC's Free Product Offer.

For more information about MELTRIC solutions for data centers, visit meltric.com.

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