

CONNECTOR SOLUTIONS FOR DATA CENTERS



CIRCUIT BREAKERS

TERMINATIONS

GROUNDING



GREAVES

www.greaves-usa.com

CONNECTOR SOLUTIONS FOR DATA CENTERS

Data center construction is booming across the nation, as the volume of data and the need to create shared information ecosystems has increased exponentially. Companies such as Google, Meta and Amazon are driving this growth, and Greaves Corporation is already very much “inside the building” with major contractors who recognize the advantages of specifying Greaves connectors for their data center projects.

Why? Because Greaves delivers industry-leading response times, innovation, and quality.

Data centers bring together a complex array of electrical systems, from high-voltage substation facilities to sensitive data storage and transmission equipment. Working in this challenging environment, contractors need reliable supplies, and the last thing they can afford to lose is time. Meeting this demand, lead times for orders of quality Greaves connectors is fast, because they are manufactured by Greaves in the USA and made available through a network of national distributors.

In-house engineering, manufacturing, UL testing and a quality control laboratory enable Greaves to respond nimbly and quickly to rush orders and requests for custom specifications.

KEEPING PACE WITH THE INDUSTRY

WINNING ON SPECS, AND IN THE FIELD

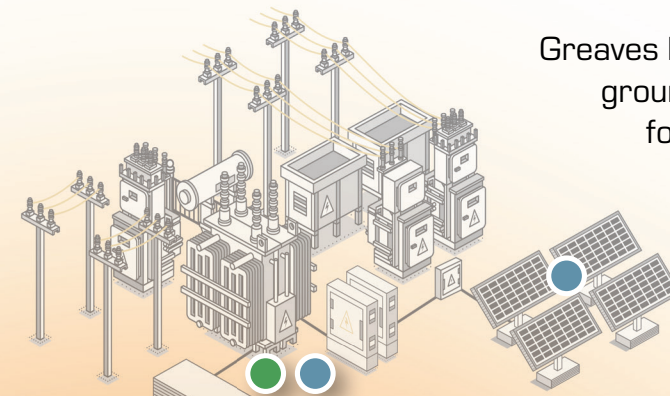
FLEX CABLE TERMINATIONS INTO BREAKERS



PT-FX AND PT-R PIN TERMINAL ADAPTERS

These UL-listed, field-proven connectors convert fine-stranded flex cable into Class B terminations specified for Schneider and Eaton breakers, and are recommended by Southwire for their MachineFlex and other cable applications.

- The patented “shoo-pin” flared barrel design of the PT-FX speeds installation.
- Compatible with industry-standard U-die tooling



Greaves line of compression, mechanical and grounding connectors have been designed for maximum performance, reliability and ease-of-installation. Many are especially suited to data center construction and include patented innovations that solve problems, boost productivity, and adapt flexibly to engineered as well as legacy environments.

LARGE POWER CABLE TERMINATIONS

AL-N, AL500-SB-N-NT, L-N AND L-FX-N LUGS

Greaves meets the demand for terminating the large volume of 250–750 MCM aluminum cable used in data center construction.

USA-based manufacturing means industry-leading turnaround times, with an ample supply of raw material always on hand and a willingness to tool and certify special orders quickly.

- Wide range of tang and barrel dimensions, and hole configurations available
- In-house design and fast-tracked UL certification on custom spec orders
- Flared “shoo-in” barrel and inspection window available on some connectors.



LARGE CABLE TRAY GROUNDING

TG/TGM, TGG/TGGM, AND JAR-DB GROUNDING CONNECTORS

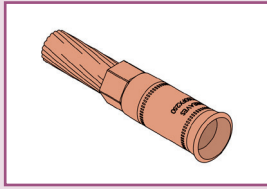
Greaves heavy-duty bronze connectors address the NEC shift toward single, full-sized equipment grounding conductors used in the large backbone cable tray and bus systems found in data center construction.

- Direct burial-rated
- Made in USA

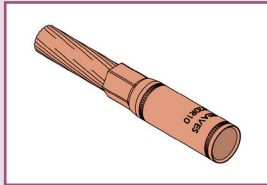


KEY CONNECTORS

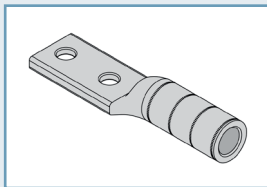
These are some of the Greaves connectors gaining wide adoption in data center construction projects today:



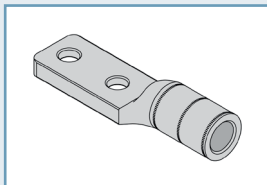
PT-FX (Shoo-pin™) flared pin terminal adapters connect fine-stranded flex cable securely into mechanical lugs and breaker panels.



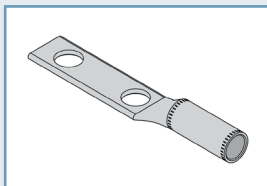
PT-R (Reducer™) pin terminal adapters permit the installation of larger gauge cables into smaller gear.



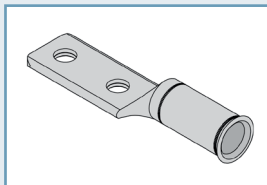
AL-N aluminum lugs are designed for heavy-duty, dual-rated applications and allow side-by-side NEMA mounting.



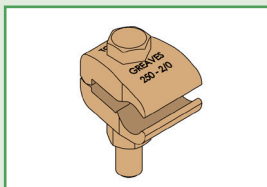
AL500-SB-N-NT aluminum short-barrel lugs were custom-engineered and quickly UL-certified for a major data center application.



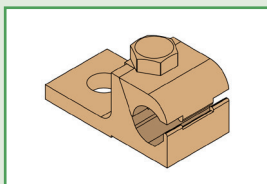
L-N long-barrel copper lugs are suited to heavy-duty applications, NEMA mounting, and are tin-plated for corrosion resistance.



L-FX-N flared barrel (Shoo-in™) copper lugs securely terminate flex cable, are NEMA mountable, and available with an inspection hole.



TG/TGM AND TGG/TGGM bar or tower ground connectors are cast in high copper alloy bronze for heavy-duty and direct burial grounding applications.



JAR-DB lay-in lugs for continuous loop grounding or bonding take advantage of the 2023 NEC shift toward single, full-sized equipment conductors.

TAKE A CLOSER LOOK

You can review drawings, part numbers and detailed specifications for the Greaves “Key Connectors” listed at left by viewing and or downloading the PDF at this link: <https://greaves-usa.com/data-center-drawings/>



WHY GREAVES?

Since 1947, Greaves Corporation has been a trusted supplier of electrical connectors for the electrical construction trades.

Greaves is proud to manufacture its electrical connectors and adapters at our Centerbrook, Connecticut facility. For over 75 years, our focus on U.S.-based production, local employment, and fast domestic supply has helped contractors, distributors, and OEMs keep projects on schedule.

By maintaining full control of our design, forming, machining, and assembly operations in-house, Greaves delivers UL-Listed, code-compliant solutions with the agility to respond quickly to customer needs.

From traditional compression and mechanical connectors to innovative products like the PT-FX, PT-MFX, and SNAP series, every Greaves product is built with American craftsmanship and reliability at its core.

Greaves: Small enough to care — big enough to deliver.



GREAVES

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