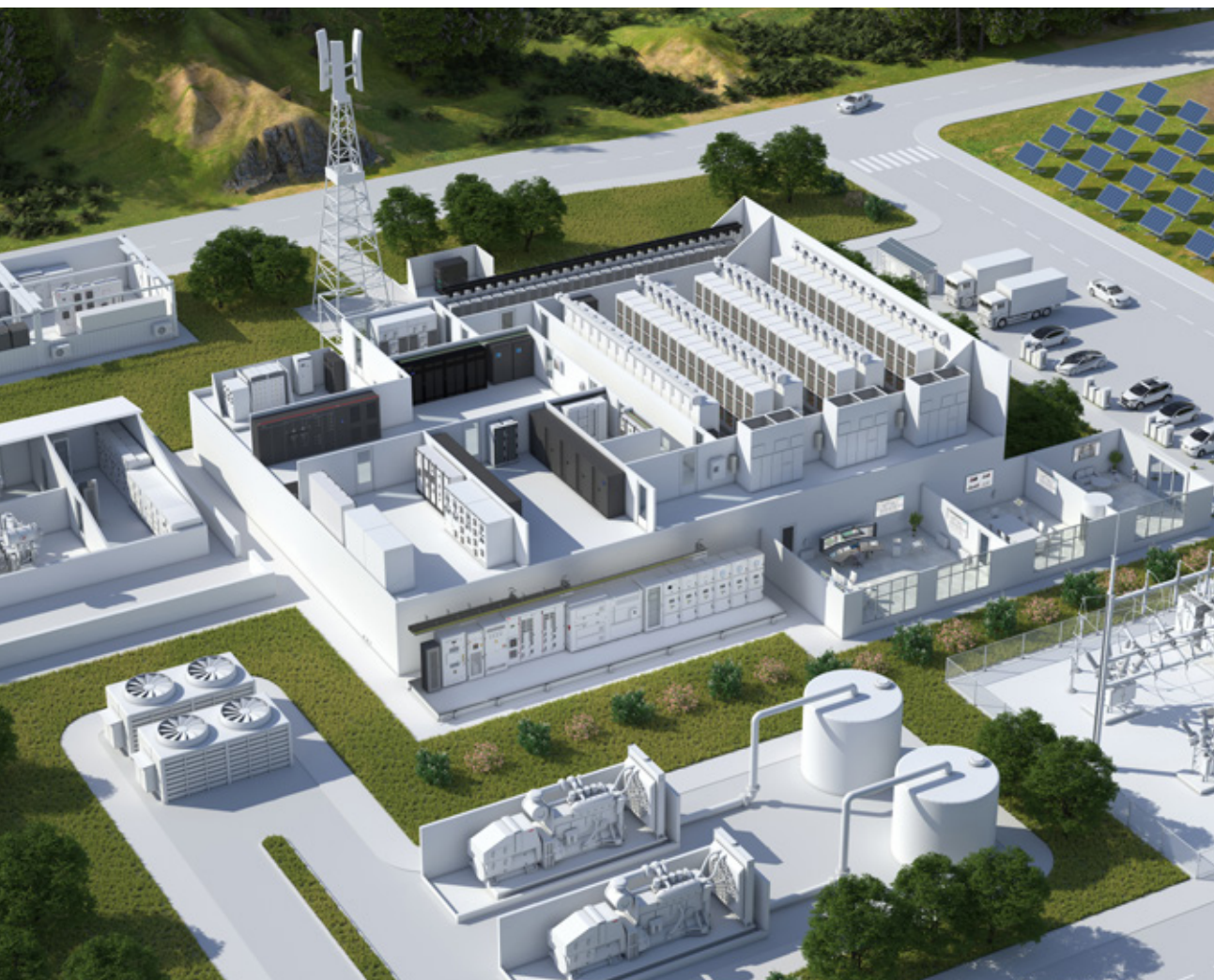


PRODUCT BROCHURE

Power and grounding connectors for every application

Help make every electrical connection
safer, easier and more secure.

Color-Keyed *Blackburn*  **HOMAC**



**Thomas & Betts is now ABB
Installation Products, but our long
legacy of quality products and
innovation remains the same. From
connectors that help wire buildings
on Earth to cable ties that help put
machines in space, we continue to
work every day to make, market,
design and sell products that
provide a smarter, safer and more
reliable flow of electricity, from
source to socket.**

Rely on ABB Installation Products for solutions to all your electrical connectivity and grounding needs.

For commercial and industrial applications

For grounding

For electric utilities

Choose Color-Keyed® compression lugs or Blackburn® mechanical connectors.

Blackburn® grounding systems ensure safe and reliable installations

Choose Blackburn® overhead connectors and Homac® compression lugs and underground connectors.

ABB has the solution.





Color-Keyed® Compression lugs



A system solution designed to meet the most stringent UL and IEC Class A testing requirements.



Need lugs in a hurry?

The Lug Express program offers 350+ made-to-order Color-Keyed lugs — ready to ship in 5 days or less! Visit the Lug Express portal and see how easy it is to start configuring the lugs you need.

electrification.
[us.abb.com/
lug-express](https://us.abb.com/lug-express)

LUG 
EXPRESS

The Color-Keyed brand from ABB Installation Products (formerly Thomas & Betts) pioneered the development of the color-coded connector-and-die-matching system that became the industry standard. The Color-Keyed color-coded crimping system assures the right die is used with the right lug, resulting in an accurate, reliable crimp.

Color-Keyed dies are designed to produce a circumferential, hex- or diamond-shaped compression rather than a simple indent, resulting in assured high conductivity exceeding IEC 61238-1 and UL standards. Circumferential compression creates a large area of high-pressure contact between cable and connector, which in turn results in low resistance and high pull-out values.

Color-Keyed Hex-Flex® crimp dies combine an upper hex crimp with a lower indent crimp to provide excellent pull-out resistance for flex-conductor cable.

The original color-coded system

- Color-coded connectors and compression tool dies make selecting the correct die easy, helping to ensure proper installation for reliability and safety
- Available in both copper and aluminum in one- and two-hole configurations
- 45° and 90° angled lugs
- Stacking and bell-ended lugs
- Narrow tongue designs offer space savings
- Comprehensive tooling portfolio includes the widest variety of mechanical, battery-powered and electrically powered hydraulic compression equipment



Color-Keyed®

Blackburn®

Mechanical connectors



Reliable, easy-to-install, UL listed and CSA certified solutions.



Mechanical connectors offer the advantages of ease of installation without specialized tools and range-taking capability to cover multiple conductor sizes. Blackburn cast, forged or formed mechanical connections, produced in economical copper and dual-rated aluminum, provide a large variety of UL and CSA certified solutions for your electrical interface needs.

Options to meet all your needs

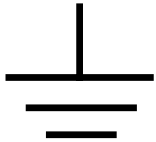
- Complete line of copper and aluminum mechanical connectors
- Range-taking, dual-rated aluminum ADR, ASL and ASR series connectors for termination and splicing
- Range-taking copper L series and Locktite® series connectors for termination
- Wide variety of split-bolt, service post and two-bolt connectors for tapping



Blackburn®

Blackburn®

Grounding systems



Safe, code-compliant and reliable grounding solutions.



ABB offers a complete line of mechanical and compression grounding connectors to meet any grounding requirements.

The Blackburn grounding portfolio also includes EZGround® grid ground compression connectors, the efficient, all-weather alternative to exothermic welding products for safe, easy connections.

Why choose Blackburn grounding systems?

- Features a broad range of ground rod clamps, service post connectors, lay-in lug connectors and ground clamps
- EZGround range-taking products reduce the number of connectors and dies needed for your installation
- Many solutions are UL listed for direct burial, featuring long-term corrosion-resistant copper alloys





Blackburn®

Overhead connectors



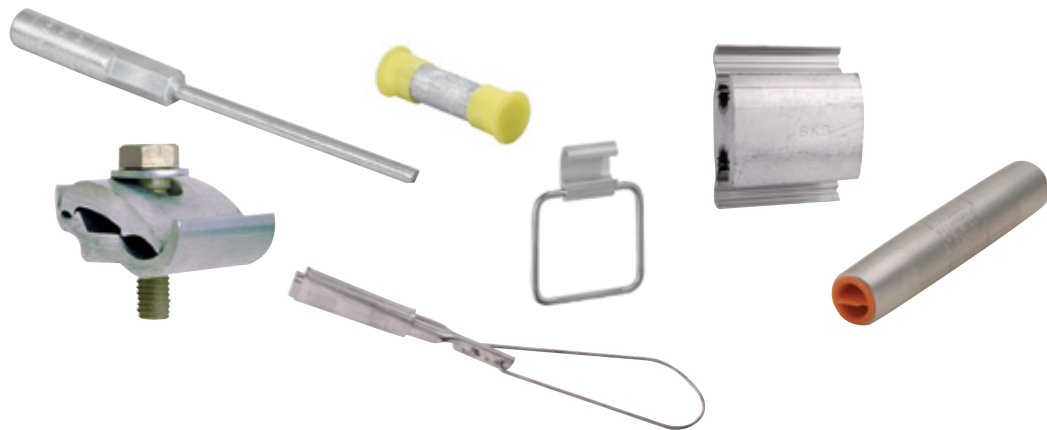
A complete line of splices, taps and terminals for overhead distribution.



When it comes to connecting overhead distribution lines and equipment, the Blackburn brand encompasses a complete portfolio of splicing, tapping and termination solutions.

Blackburn overhead connectors

- Compression pin terminals
- Service wedges and neutral span clamps
- Aluminum and copper H-tap connectors
- Stirrup and parallel-groove connectors
- Insulation piercing connectors
- Service entrance connectors and splices
- Full- and semi-tension compression splices
- Automatic splices and dead-ends
- Hot-line clamps



Homac®

Compression lugs



ANSI C119.4 compliant lugs for utility applications.



The Homac brand by ABB Installation Products has been designing and manufacturing innovative connectors for electrical utility distribution systems and substations for decades.

Homac compression lugs are made from aluminum for high strength and high conductivity and are dual-rated for use with aluminum and copper conductors. Lugs are prefilled with oxide inhibitor to prevent oxidation and keep out moisture. All lugs are marked with conductor sizes and die references for easy identification, plus they meet or exceed ANSI C119.4 specifications.

Lugs for utility applications

- General-purpose one-, two- and four-hole NEMA lugs enable aluminum and copper terminations
- Common die aluminum one-, two- and four-hole NEMA lugs help reduce die inventories
- Aluminum meter socket lugs install the entire conductor range for meter pan and general applications
- Aluminum tin-plated meter socket lugs with star holes are dual-rated and corrosion-resistant
- Aluminum shrouded one-hole lugs provide rain protection
- Aluminum multi-range die-less lugs, slotted tang compression terminal lugs and corrosion-resistant bi-metallic lugs also available



Homac®

Underground connectors



World-class configurations for transformer, hand-hole and pedestal applications.



Utilities have relied on the Homac® brand for reliable, time-saving solutions for underground distribution splicing, tapping and termination for more than 50 years. The innovative Homac Flood-Seal® connectors offer quick and easy installation of waterproof underground connections without time-consuming tape or heat-shrink insulation. Homac engineers routinely work with customers to develop custom solutions to unique connectivity challenges.

Homac underground connectors

- Multi-port connectors
- Splicing systems
- Street light connectors





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Electrification business

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