The Premier Industrial and Commercial Essentials overview
USA

- Installation Products Division
- Wire and cable management
- Cable protection systems
- Boxes and fittings
- Connectivity and grounding
- Medium voltage
Thomas & Betts is now part of ABB’s Installation Products Division, but our long legacy of quality products and innovation remains the same. From connectors that support 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.
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Installation Products Division
Cable protection systems

The next generation of liquidtight conduit and fittings
- Global certifications including UL, CSA, IEC/EN, CE, RoHS
- Wide range of trade sizes from 3/8 to 6 inches
- Highest quality liquidtight fittings including steel, aluminum, stainless steel, nickel plated brass and high-temperature
- Superior protection from corrosion, oils, chemicals, solvents, wash-down, to UV and more tensile strength

Liquidtight conduit and fittings for commercial construction
- IP 65 resistant to water, oil and mild acids
- Steel, Zinc plated, 3/8 to 4"
- NPT Threads, Insulated and non-insulated
- UL Listed, CSA certified, RoHS compliant
- For use with Type CLGE Steel, Zinc plated LFMC

Everything you need for high performance cable and cord fittings
- A complete line of rugged, reliable cord and cable fittings
- Easy to install while offering long life and high-performance in all applications
- Our cord connector design utilize liquidtight installations
- Compact Ranger® provide twice the cable range with superior strain relief
- Black Beauty® with tool-free installation for high mechanical pullout performance

The pioneer in metal-clad (MC) cable fittings
- Faster installation with the Power-Grip grounding ring. Exceeds pullout by more than double
- Low-profile gland nut fits in tight spaces
- Re-usable with easy cable input
- Durable and reusable with funnel entry for easy cable insertion
Industry standard pioneer for rigid fittings
- **Industry standard pioneer**: including Chase® nipples and Erickson® couplings
- **Innovation** continues with BlueKote® conduit bodies
- **NEC, UL and CSA** Industry and Code compliance
- Providing **ease of installation** and lower installation costs

Rigid fittings for commercial and light industrial applications
- **Leading brand** in electrical construction since 1904
- Manufactured to **strict tolerances** for consistent performance
- **Set industry standards** for quality and innovation
- Provide **long-lasting service** in commercial, industrial and residential construction

The complete corrosion protection solution for rigid conduit systems
- **Industry-leading** thread protection by hotdipped galvanizing process, and UL® Listed type 4X PVC-coated conduit bodies
- **NEMA RN-1** full undisturbed zinc coating under the PVC coating
- **UL Listed** including UV resistance testing
- **Double-coat fittings** enhancing corrosion protection by applying coating before PVC coating
- **Local installation training** and certification

Global technology leader in flexible cable protection
- **Pioneer in the field** of cable protection
- **State-of-the-art** materials and technologies by intensive R&D
- **Over 6,500 high performance** products for outdoor & indoor, static & dynamic
- **Excellent service performance** including UL, CSA, IEC/EN, CE, RoHS
- **Customized** specific solutions and more
**ENHANCED FEATURES**

**Installation Products Division**

Connectivity and grounding

Compressio[n solutions for a reliable connection

- **Ensures a proper crimp** onto the conductor.
  Using a color coding system to match the right connector to the right tool and die
- **Stranded Wire Termination**
- **Verifiable** and Inspectable
- **Shure-Stake®** Crimp Mechanism tooling
- **UL / CSA & IEC (metric)**

**Mechanical connectors for any application**

- **No special tools** required to install
- **Reusable** connections

**Faster, simpler and safer ground grid system installations**

- **Low cost,** code-approved alternative to welded ground grid connections
- **Safely installed** in half the time, with fewer components, and in all weather conditions
- **Easy to install** - no special training
- **Minimize** possibility of poor connections

**High-conductivity copper terminals with corrosion-resistant plating**

- **Include** marked stud and wire sizes
- **Long chamfered barrel** to eliminate missed crimps
- **Deep internal serration** to produce a larger contact area
- **UL / imperial portfolio**
Heat shrink tubing protecting wires against moisture, corrosion and abrasion
- Protection, repair, identification colors, isolation
- For heavy, medium, thin wall tubing
- Heat and radiation protection by Polyolefin material
- Options with or without adhesion: by length or reel
- Protecting end caps against liquid and dirt

Interconnection systems – Harsh environments
- Maintenance-free systems ranging from 20 to 400 amps
- Full polarization for exact voltage, frequency and phases, power supply ratings cannot mix
- Quick installation and wiring access

Multi-pin connectors for power, connection and control
- Best use of space for multiple contacts in heavy-duty housings
- Easy to assemble with many different insert options
- Best fit for easy access in panels, machinery and enclosures
- Sealed connector with quick disconnect handles
- Wide variety of circuit possibilities from standard items
- Solid or stranded wire in fixed or portable use

Insulated and non-insulated crimp terminals
- Easy-entry design
- Brazed seam barrel construction
- Ergonomic hand tool
Installation Products Division
Premier fastening / floor boxes

Fastening solutions for every application
• Ty-Rap® Original cable ties – Automation and OEM applications, inside and outside
• Detectable cable ties – Food & beverage industry
• Special material ties – Chemical industry, high temperature and low smoke requirements
• Stainless steel cable ties – Extreme robust for harsh environments

Flexibility in routing and concealing wiring in control panels
• Fast and neat internal wire bundling
• Removes easily, yet will not accidentally slip
• Fast, dust-free operation with bench-mount cutter
• Widths from 0.75” to 6” and depths from 1” to 5”

Customized fastening in telecom and harsh outdoor environments
• Select and customize the strap length for any application
• Total flexibility and no waste: cut at the desired length
• Easy to store: reduced inventory
• Safe and easy to install with a guaranteed weatherable life
• Corrosive and harsh environment protection

Durable boxes and fittings for demanding floor installations
• Durable solution for in-floor distribution of power and communications services, with options for any floor type
• Multi-service floor boxes accommodate power, data, voice and A/V devices in a single location for convenient access
• Durable solid brass and aluminum covers and poke through systems
Installation Products Division
Essential fastening and metal framing

Fastening solutions for every application
• General Purpose Ties – Commercial value-priced ties in a wide range of sizes and styles
• Catamount Twist Tail – Cable ties that can be installed securely without tools
• Mil-Spec – Certified to meet stringent military specifications
• Anti-Bacterial – Features silver ions that naturally inhibit growth of 99.9% of bacteria

Smart and easy strut solutions
• Meet the greatest number of metal framing channel and accessories with maximum rigidity and security
• Considerable field drilling and welding is eliminated
• Field cutting and layout made simple
• Modular fittings fasten to bolt side or slot side for versatile use
• Goldgav finish permits easier handling and storage flexibility due to higher corrosion resistance and cleaner finish

Flexibility in metal framing the most harsh environments
• Wide range of finishes from GoldGav and Silvergav to hotdip galvanized to the more standard pre-galvanized
• Goldgav and Silvergav finishes permits easier handling and storage flexibility due to higher corrosion resistance and cleaner finish

Smart and easy solutions for installing cable
• Ladder tray – Perforated cable tray management systems
• Corrosive and harsh environments protection – Aluminum and steel range
• Easy and quick installation – Through extensive range of accessories
• Easy to expand and rewire – modular system
Installation Products Division
Boxes and fittings

The industry standard in non-metallic electrical boxes
• Non-metallic boxes feature PVC construction for greater performance, easier installation and lower installation cost
• Designed and listed for use with non-metallic sheathed cable
• Safe and Durable: Won’t conduct electricity and won’t corrode
• Fire Rated with a minimum two-hour fire wall rating, UL listed

Light, flexible and strong non-metallic raceway system
• For use in walls, floors and non-plenum ceilings
• Fast and Easy Installation: Free of sharp edges for faster installation and lower installed costs
• Easy Pull up to about 50 feet
• Won’t rust and non conductive

UL® Listed Non-metallic flexible raceway for use in riser and general purpose applications
• Plenum-Gard® is extremely durable. Resistant to abrasion and mechanical damage
• Riser-Guard® also suitable in vertical runs. Available with tape pre-installed Hal-Free Riser-Guard® will not release halogen elements
• Micro-Gard®: Small. Slick. Speedy. Ideal for Telecom installs

Durable solution for demanding installations
• Corrosion resistant PVC junction boxes
• Gasketed lids attached using stainless steel screws
• Available in NEMA Type 4/4X and 6P ratings
• Strong, light weight and easy to install
• Carlon enclosures are nonmetallic and will not corrode
The industry’s preferred choice for outdoor boxes for more than 50 years
• Durable die-cast aluminum to withstand the harshest elements
• Single- and double-gang rectangular and round configurations
• Wide variety of hub sizes to meet all needs
• Ensure trouble-free installation and performance

PVC fittings and elbows designed for use above and below ground
• 1/4 to 1/5 the weight of metallic systems
• Can be installed in less than half the time
• Don’t conduct electricity
• No corrosion, ready for outdoors

Steel City® industry-leading steel boxes in electrical constructions
• The highest quality standards with one of the most complete offerings available
• Known for their practical improvements, recognized as innovative design leader
• Steel City® continues to listen to contractors and responds to their changing needs

Steel City® commercial fittings for maintaining consistent performance in construction
• Manufactured within strict tolerances
• One of the most complete offerings available
• Dependable Pipe Stop
• Heavy duty thick steel body/glands
• Extra thick electroplated zinc finish