























Low Voltage Products












North America offerings

Product	Description
Ty-Rap® Cable Ties 	Thomas & Betts offers one of the industry's broadest range of innovative solutions for bundling, securing, routing and protecting wire and cable.
Wire Termination 	Thomas & Betts is a recognized leader in providing electrical connectors suitable for the majority of all electrical applications. Sta-Kon® wire terminals offer more copper and a wider funnel to assure premium connection with less work in a line that includes insulated and non-insulated terminals, splices, wire joints, disconnects, ferrules, heat-shrinkable terminals, splices and disconnects.
Connectivity & Grounding 	Thomas & Betts offers a wide range of power and grounding products for commercial, industrial and utility use under the Blackburn® and Homac® brands. Blackburn® compression, mechanical and exothermic connectors and accessories represent the most comprehensive set of products in the industry for the creation of safe, code compliant and reliable grounding systems. When you're dealing with electrical connections in wet, corrosive or hazardous environments, Russellstoll® plugs, connectors and receptacles provide power where you need it.
Homac®/Blackburn® Connectors 	Thomas & Betts offers a wide range of substation bus connectors, overhead line connectors, and underground line connectors.
Metal Framing 	Thomas & Betts saves time and labor with its comprehensive lines of metal framing and cable tray, including the industry's only 100% plated products, our 1½" modular system, and hundreds of accessories to complete any job. With our Kindorf® 1½" modular channel system, all parts fit all the time, providing the maximum number of supports and framing applications with the minimum amount of labor and materials.
T&B® Cable Tray 	T&B® Cable Tray is a cost effective, reliable and adaptable alternative to conduit systems. The open design eliminates moisture buildup and reduces damage to cable insulation during installation.
Boxes 	Thomas & Betts provides the highest-quality, most versatile, innovative and comprehensive line of metallic, non-metallic, indoor, outdoor, weatherproof, and floor boxes from the Steel City®, Red•Dot® and Carlon® brands. Look for new product innovation like the 5 square box, horizontal adjust-a-box and open back box.
Rigid Conduit Systems 	The design of T&B® rigid fittings is driven by the needs of the electrician and provides ease of installation and on-the-job reliability. Ocal® PVC-coated conduit and fittings extend the life of your electrical system for many years beyond the lifespan of standard rigid conduit systems with outstanding performance in corrosive environments. Ocal® brand offers the only PVC-coated system in the market with three standard colors and customization to almost any other color as well, plus training and extended warranties.
T&B® Fittings 	T&B® Fittings offer a large variety of materials, unique features and manufacturing methods each carefully selected to address end user needs. T&B® Liquidtight Fittings stand up to demanding wet and corrosive environments where high performance is required.
Lighting 	Hazlux® hazardous location lighting fixtures are constructed to meet hazardous location and adverse environment applications. Hazlux® safely provides light even under the harshest indoor and outdoor conditions. The Red•Dot® line of weatherproof lighting products includes commercial, industrial and residential grade weatherproof products for outdoor power and lighting applications.

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Flexible Conduit Systems 	PMA® cable protection solutions are tailored to meet requirements in every type of application, including customized products made to meet your specific needs. Adaptaflex® is a global leader in flexible metallic conduit and offers conduit that is strong, flexible and resists abrasion while standing up to temperatures ranging from desert heat to sub-zero, freezing conditions.
Elastimold® Recloser 	The Elastimold® Recloser improves the reliability of electrical power systems.
Elastimold® Switchgear 	The Elastimold® Switchgear improves the reliability of electrical power systems.
Elastimold® Cable Accessories 	Elastimold® is the most complete package for managing underground cable connections in the industry.
Joslyn® Surge Protection + DIN surge 	Surge protection is an ever-growing requirement, and Joslyn® Surge Protection offers facility-wide protection, from service entrance to equipment level. Requirements for surge protection include critical operations power systems, emergency switchboards or panelboards, and wind renewable energy sources.
eFab by Thomas & Betts 	By improving operational efficiencies through the utilization of made-to-order project specific pre-fabricated rough-in systems, eFab helps contractors become more profitable.
Emax & Tmax Circuit Breakers 	Tmax molded case circuit breakers offer extremely high performance level while being progressively smaller in size and simple to install. The SACE Emax2 air circuit breaker is the only breaker that protects electrical circuits and also reduces energy consumption based on the user's needs, leading to massive reductions in energy waste.
Joslyn Hi-Voltage® Capacitor Switches 	Joslyn Hi-Voltage® capacitor switches improve the efficiency of electrical power systems.
Fisher-Pierce® 	Fisher Pierce® Faulted Circuit Indicators (FCIs) for both overhead and underground applications are cost-effective tools to more quickly locate faults thereby reducing outage duration and customer complaints.
Hi-Tech® Fuses 	Provided in a broad range of ratings, Hi-Tech® fuses offer superior protection for underground and overhead transformers, capacitor banks, switchgear, and wind farms.
Disconnect Switches 	ABB's portfolio of low voltage switches offer high performance, compact size, easy installation and safe use, along with UL 508 and UL 98 Listings. For specific applications, find ABB disconnects in material handling, food and beverage, HVAC and within branch circuits that start, stop, regulate, control or protect electric motors.
Heavy Duty Safety Switches 	The robust design and high quality material of the ABB heavy duty safety switch is suitable for heavy-duty commercial and industrial applications, such as HVAC, water and wastewater treatment and MRO in extreme environments. When used in harsh environments, replaceable parts ensure ease of repair leading to reduced downtime and cost savings.

Product	Description
Open & Enclosed Starters / Combos 	ABB starters for motor control applications use ABB's state of the art components and can be selected to specifically meet your needs with the online ABB Configurator. Drawings, specifications, quotations, and pricing all available within minutes. Additionally, multiple NEMA rated enclosures give you the flexibility you need for multiple applications.
Softstarters 	Softstarters increase a motor's lifetime by protecting it from electrical stresses. They do so by letting you optimize starting currents that with conventional starting methods put lots of stress on the motor. Ideal for applications such as pumps, fans, compressors and conveyor belts. Also available in enclosures designed to withstand harsh environments.
Connection (Terminal Blocks) 	With one of the most comprehensive connection product offerings on the market, ABB's terminal blocks meet a wide range of customer requirements: from small panel builders to large OEMs, from standard distribution and control panels to the most specialized applications in key industries such as energy, maritime, explosive atmospheres and traction. Our technology helps reduce installation efforts and optimize inventory levels.
Electronic Products and Relays 	ABB offers the most extensive range of electronic timers, measuring and monitoring relays, interface relays and power supplies in the industry – allowing you to source your critical components from one global supplier. Increase reliability of your process equipment with control devices that provide intelligent signals and adjustments to ensure maximum availability.
Arc Guard 	The ABB Arc Guard System protects people and equipment and eliminates unnecessary production stops by quickly detecting an arc fault and tripping the incoming circuit breaker.
Contactors 	ABB's AF Range of contactors and overload relays is the new standard in motor control and power switching. With the total number of product variants reduced by up to 90%, ABB contactors simplify the customers' logistics and cuts administration costs.
Pilot Devices 	With two ranges, ABB can offer a solution to virtually any customer need. The modular range includes devices that can be combined to provide the required function, while the compact range offers a flexible, economical solution with all functions built into a single unit for easy mounting and reduced stock levels.
Jokab Safety 	ABB Jokab Safety provides an extensive range of innovative products and solutions for machine safety systems. These products offer unique features that save labor and components, simplify maintenance and troubleshooting and provide the highest level of safety. Products include safety relays, safety PLCs, safety controllers and programmable safety controllers, light barriers, sensors, switches, process locks, control devices, machine fencing systems and modular panels.
Miniature Circuit Breakers 	ABB Stotz-Kontakt invented the miniature circuit breaker 90 years ago and continues the spirit of innovation improving breaker technology today. ABB's miniature circuit breakers are current limiting, making them more than twice as fast as standard zero crossing circuit breakers. This significantly reduces the let through energy, risk of arc-flash and damage to connected components.
Modular DIN Rail Mountable Components 	ABB's line of modular DIN-rail mountable components includes fuse holders and fuse disconnects, on-off switches, pushbuttons, indicator lights and more. These components are all designed for versatility in a variety of applications and for quick, easy installation.
Residual Current Devices 	Residual current devices, or ground fault equipment protectors, are devices intended to provide protection of equipment against damaging line-to-ground currents. By adding a residual current device to the system, ground faults are detected immediately, preventing serious damage.

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1SXU999003E0201, September 2015