




Electrical Solutions
for
**Pulp and Paper
Processing Facilities**

Thomas & Betts. Your best connection for innovative solutions.

Thomas & Betts

A Member of the ABB Group



Production downtime carries a high price tag in terms of man hours, raw materials and finished goods.

Thomas & Betts offers electrical system solutions that can reduce downtime by 40 to 50%.

What is your cost per hour for downtime?

Thomas & Betts products for pulp and paper processing facilities

Blackburn®

Connectivity and grounding

Carlton®

Nonmetallic conduit, fittings, boxes and covers, floor boxes, and enclosures

Elastimold®

Underground power distribution systems for 5 to 35kV

Emergi-Lite®

Emergency lighting

Expresstray®

Wire basket tray cable management systems

EZCODE®

Marking systems

Fisher Pierce®

Fault Circuit Indicators (FCIs) for both overhead and underground applications

GFI

Stamping, sheet metal manufacturing and die making services

Hazlux®

Hazardous location and adverse environment lighting fixtures

Hi-Tech®

Current limiting fuses

Homac®

Underground and substation connectors

Iberville®

Metallic boxes and covers, conduit and cable fittings

Joslyn Hi-Voltage

Overhead products

Kopex-Ex™

Metallic conduit and fittings

Lumacell®

Emergency lighting

Ocal™

PVC-coated conduit and fittings

PMA®

Nonmetallic flexible conduit and fittings

Pos-E-Kon™

DIN-standard rectangular pin and sleeve connectors

Russellstoll®

Plugs, connectors and receptacles for wet, corrosive or hazardous environments

Shrink-Kon™

Heat-shrinkable tubing

StarTeck®

Teck cable fittings

Superstrut®

Metal framing systems

T&B® Industrial Fittings

Electrical fittings for conduit and cable

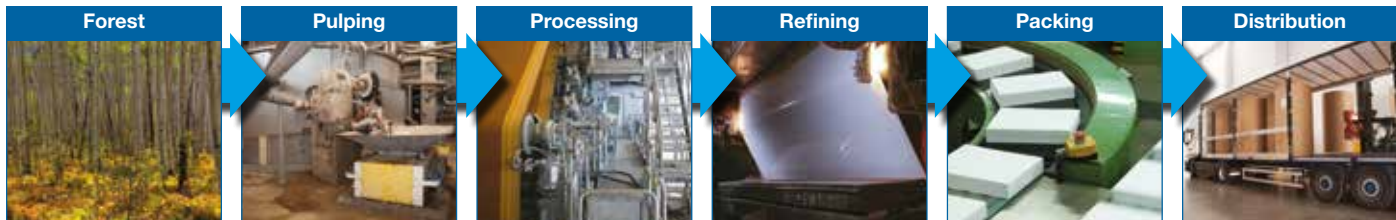
T&B Cable Tray

Cable tray systems

Ty-Rap®

Cable ties

Pulp and Paper Supply Chain



Challenge and commitment.

Today's pulp and paper producers must remain competitive and profitable while facing challenges such as:

- Higher energy, raw material, transportation, insurance and environmental remediation costs
- Increased environmental and worker safety legislation implemented by Environment Canada; and Healthy Environments and Consumer Safety (HECS)
- Foreign competition — continental and overseas government-subsidized exports entering the Canadian market and placing pressure on operating margins
- Generally flat market demand and excess global capacity in many commodity market segments

Surviving and thriving under these market conditions requires commitment to finding new ways to increase operational efficiencies.

T&B Engineered solutions for every application area

- **Wood Preparation**
- **Cooking**
- **Washing**
- **Screening**
- **Bleaching**
- **Pulping**
- **Chemical Recovery**
- **Drying**
- **Forming**
- **Papermaking**



At Thomas & Betts, a member of the ABB Group, we understand the challenges you face in the pulp and paper processing industry today. We're focused on providing electrical solutions that address the critical issues in every area of your operation, so you can focus on plant sustainability, personnel safety, cost, quality, flexibility, and regulatory challenges across the production cycle. Our family of electrical solutions matches specific application criteria from start to finish inside processing areas, ensuring the quality and reliability of your electrical system throughout your facility, from incoming raw materials through shipping of finished goods. And with the industry's most efficient distribution system, we're prepared to meet your ongoing MRO, OEM and construction needs today.



Pulp and Paper Processing Facilities Electrical System Issues

-  ***Continuous Operation
& Sustainability***
-  ***Corrosion & Harsh
Environment Protection***
-  ***Extreme Temperature
Protection***
-  ***Liquid Ingress
Protection***
-  ***Safety***
-  ***Hazardous Location
Protection***

Meeting the needs of the pulp and paper market with...

continuous operation

- Maintaining continuous operation boosts performance and reduces costs.



activity acceleration

- Thomas & Betts' expertise will help you remain competitive.



logistics optimization

- Keep your infrastructure and projects up to date with unique distribution and inventory management programs.



the right tools

- Thomas & Betts products are safe, user-friendly, easy to install and maintain.



... electrification solutions
designed for maximum
convenience and performance.



Visit the Thomas & Betts world of electrical product solutions

Visit our web site for more information about Thomas & Betts solutions and our newest products. For a user-friendly catalogue and competitive part number search, application specifications and technical support and other useful information, go to: www.tnb.ca

Industry codes and specifications

All Thomas & Betts products for use in the pulp and paper industry meet or exceed applicable industry specifications or codes detailed in the appropriate Thomas & Betts product literature.



Online CAD library

Thomas & Betts offers free download of two- and three-dimensional CAD models of many of its products in more than 90 native CAD formats at: www.tnb.com/cadlibrary



All information and specifications contained in this catalogue are subject to change due to engineer design, errors and omissions. Illustrations and diagrams within this catalogue may vary from actual products.

Paper Logo Here.

Head Office

Thomas & Betts Limited
700 Thomas Avenue
Saint-Jean-sur-Richelieu, Quebec J2X 2M9

Tel.: (450) 347-5318
Fax: (450) 347-1976

Regional Sales Offices

Atlantic Provinces

Thomas & Betts Limited
106 Chain Lake Drive, Unit 2C
Halifax, Nova Scotia B3S 1A8

Tel.: (902) 450-1307
Toll Free: 1-877-862-4357
Fax: (902) 450-1309

Quebec

Thomas & Betts Limited
5155 J-A Bombardier
Saint-Hubert, Quebec J3Z 1G4

Tel.: (450) 466-1102
Toll Free: 1-800-465-1399
Fax: (450) 466-1163

Ontario

Thomas & Betts Limited
2000 Harvester Road
Burlington, Ontario L7N 3W5

Tel.: (905) 635-7888
Toll Free: 1-877-291-7771
Fax: (905) 635-7889

Manitoba / Saskatchewan

Thomas & Betts Limited
6531-148th Street, #1
Surrey, British Columbia V3S 3C5

Tel.: (604) 598-9811
Toll Free: 1-866-540-8220
Fax: (604) 598-9840

Alberta

Thomas & Betts Limited
4836 Eleniak Road
Edmonton, Alberta T6B 2S1

Tel.: (780) 424-7092
Toll Free: 1-888-664-5666
Fax: (780) 424-7093
Toll Free: 1-866-424-4082

British Columbia

Thomas & Betts Limited
6531-148th Street, #1
Surrey, British Columbia V3S 3C5

Tel.: (604) 598-9811
Toll Free: 1-866-540-8220
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