

# Leading provider of optimized electrical connection solutions



# MARKET OVERVIEW AND APPLICATIONS

# ENERGY



Safety and reliability are paramount for the energy sector. Delivering power consistently to end users is also critical. WECO is committed to partnering with industry leaders to provide quality equipment and environmentally friendly solutions as well as facilitate the transfer of energy to the end user.

#### Hydroelectric junction

boxes using ceramic terminal block 560-series. Ceramic is a good electrical & thermal resistant material, which provides good resistance in harsh environments. The 560 series provides superior quality and ROI to the end user.



WECO series 560



Thermostats using surface mount connectors 950 & 970 series, provide increased solderability to PCB due total coplanar adaptable contact elements. These connectors reduce thermal expansion mismatch and are cost efficient. Furthermore, they respond to JIT delivery requirements of the HVAC industry.

WECO series 950-NLFL with pin strip series 971-SLR-SMD

# INDUSTRIAL



Whether you are designing a product for a residential, commercial or industrial application, WECO has the technology and solutions to meet the requirements for safety, ease of use and reliability.

Instrumentation devices such as gas detectors, sensors, level/flow monitors and fuel tank gauges, require components that are more resistant to movement and vibration. Depend on WECO's legacy expertise for solutions that meet these demanding applications. Benefit from increased field reliability and superior MTBF.

WECO series 976



# MANUFACTURING & AUTOMATION



OEM's that utilize dispensing equipment in their processes must provide solutions continuously to their customers and rely on components that will provide superior quality and ROI. WECO's series of ceramic blocks and Europe style connectors can do just that.





WECO tab connector series 307 (angled tabs) and series 3070 (parallel tabs)

lathes, mills, routers and grinders used in manufacturing processes require components that can withstand repeatability, precision and speed.

The 307 series of tab and solder connector blocks can offer the necessary electrical interface in equipment to provide the reliability you are looking for.

# ELECTRONICS & COMMUNICATION



The proper functioning of our modern society relies heavily on the constant use of electronics and communications equipment. Need cash for your morning coffee? The convenience of automated teller machines require the use of keypads, card scanners and display screens. Are you going to a concert or a Broadway show? Think about the electronics required to control the stage lights and sound. WECO's components help to achieve optimal results to enhance the experience.

The 930-H series has been specially designed to meet the stringent demands of the **broadcasting and video** production industry.

The components from this series prevent accidental separation of the plug and header, ensuring long term reliability and performance.



ATM's. Self serve kiosks. and point of sale terminals rely on elevator style clamping components from the 120/121 series for a reliable contact and resistance to vibration.

The contact springs are designed to ensure low resistance current transmission over the long term. Headers and plugs from this series are available in different configurations to meet most design requirements.



WECO plug-in connector system 120/121 series

## **FIRE & SECURITY**



Products made for the fire and security industry safeguard and protect people using access control units, keypads, security panels, and detectors for dangerous environmental factors in a variety of sectors. Homes, warehouses, manufacturing facilities and educational institutions, just to name a few all benefit daily from the features that fire and security equipment has to offer.

WECO's technology helps deliver products with optimized productivity that result in cost savings as well as increased connectivity. Our products are esthetically pleasing and technologically advanced. WECO, your partner for fire & security.



Alarm system security panels utilize components from the 115 series plug-in screw connector series. This technology offers an elevator style clamping mechanism and offers components with low profiles.



WECO series 115-F with pin strip series 971-SLR-THR



### PUBLIC INFRASTRUCTURE

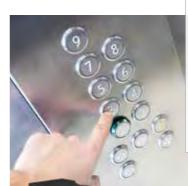


Public transportation. Office buildings. Highways. These are some of the key elements of the public infrastructure mosaic. Managing the flow and safety of millions of people daily is of utmost importance for society to function as a whole.

Street lights using the 300 series Europe style connectors, feature design flexibility and various material screw options. Benefiting from increased reliability, they are more robust in harsh environments, as well as offer more options for the OEM.



WECO series 300



**Elevator** components rely on surface mount or through hole connectors such as the 120-D, 120-M & 110 series. They offer increased reliability using retention force coplanar adaptable anchors, suitable for applications with vibration.



WECO series 120–D (connectors) & 120–M (pin strips) in 5.0 mm pitch



WECO series 110-A (connectors) & 110-M (pin strips) in 3.5 mm pitch





## Connecting to your industries for nearly 100 years!

We are an engineering based company specialized in developing, manufacturing and optimizing electrical connection solutions for the energy, industrial, electrical and electronic markets.

Our company was founded in 1921 in Hanau, Germany. We employ over 480 people in 7 locations around the world and our headquarter is located in Montreal, Quebec, Canada. We continuously provide the excellent value expected by our customers by developing, enhancing and adapting various connection solutions.

We always strive to get it right the first time, every time, through continuous process improvement and fostering business relationships with customers. Our streamlined manufacturing production delivers components that offer superior reliability, reduced footprint and compact designs.

These advantages have resulted in reduced lead times and greater efficiency, creating greater return on investment for the end user.

# Where we are



#### NORTH AMERICA

GLOBAL HEADQUARTER WECO Electrical Connectors Inc. 18 050 Trans-Canada Highway Kirkland, QC Canada H9J 4A1 Phone: +1 514 694-9136 Fax: +1 514 694-0956 info@wecoconnectors.com www.wecoconnectors.com

#### LATIN AMERICA

WECO de México SA CV Carretera a Morelia 3583-B Tlajomulco de Zuñiga Guadalajara, Jalisco Fraccionamiento Los Gavilanes Codigo Postal: 45645, México Phone: +52 33 3684 9066 Fax: +52 33 3684 9066 info@wecoconnectors.com www.wecoconnectors.com

#### BRAZIL

WECO do Brasil LTDA. Rod. BR-116, 12.757 - Vila Fanny Curitiba, PR CEP-81690-200 Phone: +55 41-3278-9720 Phone: +55 41-3278-9721 Phone: +55 41-3278-9717 info@wecoconnectors.com www.wecoconnectors.com

#### **EMEIA**

WECO Contact GmbH Donaustrasse 15 63452 Hanau, Germany Phone: +49 6181 105 -145 Fax: +49 6181 105 -720 vertrieb@wecogroup.de www.wecoconnectors.com

#### ASIA PACIFIC

WECO Electrical Connectors Ltd. Room 1105, New Commerce Centre 19 On Sum Street, Shatin New Territory, Hong Kong Phone: +852 2636 6252 Fax: +852 2559 3161 info@wecoconnectors.com www.wecoconnectors.com WECO Electrical (Shenzhen) Ltd. Room 11-G, Block A, Huaqiang Square, Huaqiang North Road, Futian, 518031 Shenzhen, P.R. China Phone: +86 755 8280 7672 -0 Fax: +86 755 8280 7674 info@wecoconnectors.com www.wecoconnectors.com



wecoconnectors.com

WECO Electrical Connectors Inc., 18050 Trans-Canada Highway, Kirkland, Quebec, Canada, H9J 4A1 Phone: 800.724.2928 | Phone: 514.694.9136 | Fax: 514.694.0956 info@wecoconnectors.com © Copyright 2018 by WECO All rights reserved. WECO<sup>®</sup> is a brand of the WECO Group. Information provided in this document may be changed without prior notice. Please refer to our website for the full disclaimer. WECO Overview Trifold I EN.Letter I R0.06.2018