

Plugged In

Volume 3 | Issue 2

Ensuring rail passenger safety by delivering over one million interconnects without a single failure

Think about ITT.



Dear {first_name} {last_name},
Reliability, Engineered Solutions, and Interconnect Science. These terms collectively describe ITT Interconnect Solutions and define a legacy of Innovation spanning nearly a century, reflecting billions of quality products sold, and incorporating the three industry-leading brands of Cannon, VEAM and BIW. Within this newsletter, we showcase the latest participants in our ongoing Innovation Timeline, a continuing legacy populated with many firsts including audio connectors, aviation circulars, D-sub's, micros, fiber optic assemblies, Zero Insertion Force technologies and other advanced applications of Interconnect Science.

Inventing History

Delivering the Industry's first, UL-Rated, J1772 Level 2 "75 AMP" Less than Four Hour Charging Solution

ITT charges up the electric vehicle industry with its new high efficiency, high reliability J1772 connector. Based on HEP (head-end power) spring contact technology, the new EVC Series connectors represent the industry's first UL-rated, 75 amp connector capable of providing a full Level II charging solution in four hours or less. Charging options include 75A/240V, 30A/240V, 15A/240V and 15A/120V. Designed specifically for electric vehicle charging applications, the J1772 connector is capable of performing Level I and II charging from a low end of 15A/120V to a high-end range of 75A/240V. The inlet connector includes finger-tip protection on the power and ground pin contacts, and features an enhanced cable management system using ITT's VEAM CIR Series backshells. The innovative connectors are suitable for electric passenger vehicles, home charging units, public infrastructure charging units, roadside assistance trucks, electric fleet vehicles and electric motorcycles.



Please read our Features Benefits Brochure for additional information

Better by Design

Universal Contact Interconnect Improves Reception for Handheld Devices

ITT has developed a new connector that improves signal transmission and reception in wireless handheld devices. The Universal Contact Interconnect features a 300k psi domed interconnect contact with a minimum force of 0.5N and deflection of 0.6mm, delivering true signal integrity through the antenna with no field failures. The Universal Contact Interconnect has been specified for use as a SIM, speaker/vibrator, microphone, battery or board-to-board contact in a large number of handheld wireless applications, including handsets, smart phones, laptop computers, memory sticks, CT scanning equipment, key fobs and GPS units.



Please read our latest press release for additional information

Power VIP connector

Reference Library

The recently released catalogs listed below highlight product series features, specifications, accessories and part number generation information. The catalogs are downloadable online and can be ordered from our literature request form.



Powerlock Power Connectors



EVC Electric Vehicle Series

Connections

North America

ECN blog - Looking at Chip-on-Flex Filtering

Power Systems Design: ITT Interconnect Solutions' Wellhead Feedthru and Surface Power Connectors Keep Casino's Geothermal Well in Play

Electronic Products: Wireless connector prevents field failures

Europe

Components in Electronics: New VEAM Power VIP connector from ITT saves space and assembly time

Asia

EFY Times: ITT's J1772 Connectors Enable Level I and II Charging

Special Appearances

Look forward to joining ITT ICS at this year's major shows, including...

Innotrans

Hall 6.2, Booth 232
September 21-24, 2010

ITT has developed the only 90-degree interconnect on the market designed to replace fixed insulator power systems and enable current converters on trains to be speedily and easily connected and disconnected. Designated the VEAM Power VIP, the connector's straight receptacle and right angle plug are lightweight and offer considerable space savings over conventional interconnects for train current converters, power transmission applications, mobile generators and distribution panels. The new VEAM Power VIP connector meets the latest safety regulations and incorporates finger protection to guard against the risk of injury or electric shock, while allowing an operator to mate and un-mate the connector quickly. Rated up to 700A, the VEAM Power VIP connector features a threaded coupling with keyway orientation, providing an interconnect solution that is not only RoHS compliant and IP67 water protected, but also meets standards for low smoke emission as well as I2F2 and UL94-V0.



Please read our Application note for additional information.

Berlin, Germany

LDI
October 22-24, 2010
Las Vegas, NV

Shenzhen Electric Vehicle Show
November 5-9, 2010
Shenzhen, China

Mass-Trans Innovation Japan
November 10-12, 2010
Chiba, Japan

Electronica
Hall B4, Stand 156
November 9-12, 2010
Munich, Germany



Major product launch training presentations are available through our "[Channel Partners](#)" portal

ittcannon.com

Website Enhancements

Listening to your valuable input, we proudly launch our new "partial part number" search capability, leveraging off of our industry leading configuration logic and "single field" search capability. Our unique logic now allows our customers to enter only 4 digits and receive a listing of appropriate part numbers. Further, if your desired part number is not found, you may now select the appropriate catalog PDF, identified and presented as a result of our complex, configuration capability. Remember, you may use our "single field" search capability to either search our website OR search for a specific part number using its marketing, manufacturing, Mil / Spec, or competitor designation.



Be sure to check the Web site for new and updated features and additions.



Recent tweets

Distributor opens online shop for connectors, carrying ITT ICS connectors, see the article in Electronics Weekly...

To Cut Weight, Use ITT Plastic Circular Connectors in Wheeled Armored Vehicles. See the article in Design World...

PEI-Genesis issues updated ITT Cannon connector guide – see the article at...

Global Design & Manufacturing
Customer Support

Spanning the globe, the sun never sets on ITT ICS Customer Service

ITT
Engineered for life