

Press Release

Munich, September 23, 2014

**Power supply systems for rail vehicles:
Knorr-Bremse launches new PowerTech brand**

- **Broad portfolio of on-board power converters for all types of rail vehicles**
- **Leading-edge technology**
- **Worldwide service network**

The new Knorr-Bremse PowerTech brand stands for auxiliary power supply systems for rail vehicles, manufactured to proven Knorr-Bremse quality standards. Knorr-Bremse Systeme für Schienenfahrzeuge GmbH has brought together the expertise of two leading SMEs specializing in the production of auxiliary power converters – Transtechnik GmbH & Co. KG and PCS Power Converter Solutions GmbH – under the umbrella of a new shared brand. Both companies were acquired by Knorr-Bremse in January 2014.

As Dr. Dieter Wilhelm, Member of the Executive Board of Knorr-Bremse AG responsible for the Rail Vehicle Systems division explains: “Along with braking systems, Knorr-Bremse also boasts a high level of expertise in on-board systems for rail vehicles. In strategic terms, this investment in auxiliary power supply systems for rail vehicles is the logical next step after we moved into the entrance systems and HVAC systems business. With the new Knorr-Bremse PowerTech brand we are combining the extensive experience and expertise of two established companies. At the same time, through the worldwide Knorr-Bremse network we are offering our customers real added value in the power supply segment.” According to Dr. Ralf Voß, Member of the Executive Board of Knorr-Bremse Systeme für Schienenfahrzeuge GmbH: “Under the joint PowerTech brand, from now on customers will have a single point of contact through which they can access the combined portfolio of the two companies and benefit from Knorr-Bremse’s capacity for innovation. Knorr-Bremse PowerTech offers customized solutions for all types of trains and power ranges, backed up by after-sales service across the globe.”

At Transtechnik GmbH & Co KG and PCS Power Converter Solutions GmbH more than 500 employees work for the new Knorr-Bremse PowerTech brand, developing and manufacturing various types of on-board power converters for mass-transit and mainline trains, as well as electrical power supply systems, pre-assemblies and electrical equipment. The new brand bundles expertise for complex technologies for all power ranges. In addition, Knorr-Bremse PowerTech can draw on Knorr-Bremse’s worldwide sales, production and service network. Knorr-Bremse customers stand to benefit from an extended portfolio of products and services in both the OEM and aftermarket sectors. Auxiliary power supply systems deliver the power to drive on-board consumers in rail vehicles, from the HVAC system to the restaurant car equipment. With the number of these consumers increasing in response to demands for greater comfort and safety, this market offers significant growth potential worldwide. On the Knorr-Bremse booth at InnoTrans,

PowerTech is showcasing the latest developments in power supply systems for rail vehicles.

Caption: At the InnoTrans fair, Dr. Michael Buscher, Chairman of the Executive Board of Knorr-Bremse AG, provides customers, business partners and journalists with a detailed introduction to the new brand.

The **Knorr-Bremse Group** is the world's leading manufacturer of braking systems for rail and commercial vehicles. For more than 100 years now the company has pioneered the development, production, marketing and servicing of state-of-the-art braking systems. In the rail vehicle systems sector, the product portfolio also includes intelligent entrance systems, HVAC systems, auxiliary power supply systems, control components, and windscreen wiper systems, as well as platform screen doors, friction material and driver assistance systems. Knorr-Bremse also offers driving simulators and e-learning systems for optimum train crew training. In the commercial vehicle systems sector, the product range includes complete braking systems with driver assistance systems, as well as torsional vibration dampers, powertrain-related solutions and transmission control systems for enhanced energy efficiency and fuel economy.

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