

ABB's latest traction transformer to power regional trains in France

Latest generation roof-mounted low noise transformer is lighter and more compact

Zurich, Switzerland, September 18, 2014 – ABB, the leading power and automation technology group, has introduced its latest-generation traction transformer, which is being deployed on TER regional trains, being built by Alstom for SNCF, the French national railway company. ABB will be showcasing this recent innovation at the InnoTrans 2014 transportation event to be held from September 23-26 in Berlin.

The extremely compact and lightweight roof-mounted transformer is equipped with an integrated cooling system built with lightweight components. Its integrated double interleaved direct current (DC) line filter reactor allows maximal bulk reduction in the 1500V DC catenary supply. The small tank also contains a large auxiliary chopper reactor. Maximum noise reduction has also been taken into account via individual assembly.

Over the past decade, ABB has continually made design improvements in rail components, creating compact products like roof-installed transformers that reduce the equipment footprint without compromising performance. Alongside offering a range of transformers, the group also provides repair and maintenance solutions for the rail sector, as well as services such as on-site commissioning, oil analysis, advanced diagnostics and customer maintenance training.

ABB has a range of power and automation products and solutions for the rail industry and a vast global installed base. Increasing concern for the environment, rapid urbanization, the need to move more people and freight faster and volatile fuel prices make rail a strategic focus sector for the company.

ABB (www.abb.com) is a leader in power and automation technologies that enable utility and industry customers to improve their performance while lowering environmental impact. The ABB Group of companies operates in around 100 countries and employs about 145,000 people.

Visit ABB at Stand 204, Hall 9, InnoTrans 2014, Messe Berlin

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