



POWERBOX
A Cosel Group Company

Powerbox presents flexible and adaptable Enhanced Rail Power Solutions at Innotrans 2018

Press Release
August 22, 2018

The Powerbox Group, one of Europe's largest power supply companies and a leading force in optimizing power solutions for demanding applications, has announced that it will be showcasing its PRBX Enhanced Rail Power Solutions (PRBX-ERPS) at Innotrans 2018 in Berlin, 18 – 21 September 2018, Hall 17, Booth 103. From low power board-mounted DC/DC converters up to fully customized power solutions delivering multi-kilowatts, PRBX-ERPS is one of the most flexible and adaptable power solutions for railway applications. Designed to reduce time to market and meet specific rail industry requirements, PRBX-ERPS building blocks and solutions are tailored to adjust performance and parameters quickly, reducing time to market for new equipment, time to modernization for renovation and refurbishing, and inventories and their associated costs. PRBX-ERPS flexibility is built on three pillars: board-mounted AC/DC and DC/DC solutions, modular solutions integrating modules, filters and collaterals, and DIN rail, cassettes and racks when the PRBX-ERPS adaptability relies on the extensive custom power solution library, which includes more than 3500 released projects.

As part of PRBX-ERPS, PRBX will present its latest series of advanced DC/DC converters that includes a range of 8 to 20W, board-mounted DC/DC units designed to meet railway specifications EN50155, EN50121-3-2, EN61373 and EN45545. With an impressive input voltage range of 13:1, and covering from 12 to 160V, the MAD33 (8W), MAD32 (10W), MAE35 (15W) and MAF35 (20W) are the Swiss army knife of power-systems designers, bringing simplicity to complex applications. A single part number is able to power a large range of transportation applications, reducing inventory and time to market. All products are manufactured using industry standard packaging and pinouts. The extra-wide series of DC/DC converters are suitable for low power loads and devices in railway applications such as communication devices, GSM-R phones and their docking stations, routers/Wi-Fi access points, small screens, USB charging sockets (both in-seat and driver's cabin), sensors, and standby power for larger devices. The series is complemented by the 4:1 series of DC/DC converters delivering up to 600W with paralleling capability for extra power.

At its booth Powerbox will present a series of products and solutions designed for adaptability when customers are facing the challenging demands of refurbishing, modernization and/or upgrades. In such applications Powerbox is able to call on its extensive knowledge base that with more than 3,500 custom solutions delivered to market, represents a huge depth of knowledge forged in an industry in which it has excelled for more than 40 years.

Powerbox will also be sharing the latest company news regarding the acquisition of the Powerbox Group by the leading Japanese power supplies manufacturer COSEL and the benefits of joint forces and a combined offering.

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Meet Powerbox at Innotrans 2018 in Berlin, 18 – 21 September 2018, Hall 17,
Booth 103



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Link to Powerbox Railway

<https://www.prbx.com/industries/transportation/railway/>

About Powerbox

Founded in 1974, with headquarters in Sweden and operations in 15 countries across four continents, Powerbox serves customers all around the globe. The company focuses on four major markets - industrial, medical, transportation/railway and defense - for which it designs and markets premium quality power conversion systems for demanding applications. Powerbox's mission is to use its expertise to increase customers' competitiveness by meeting all of their power needs. Every aspect of the company's business is focused on that goal, from the design of advanced components that go into products, through to high levels of customer service. Powerbox is recognized for technical innovations that reduce energy consumption and its ability to manage full product lifecycles while minimizing environmental impact. Powerbox is a Cosel Group Company.

About Cosel

Established in Japan 1969, Cosel is one of the world's leading designers and manufacturers of high performance AC-DC Power Supplies, DC-DC Converters and EMI Filters. With quality, reliability & flexibility as our main focus, we pride ourselves on developing some of the highest quality and most reliable products seen anywhere in the world today. Cosel is a \$230m global company employing some 670 staff with sales offices throughout Japan, Asia, Europe and North America.

For more information

Visit www.prbx.com

Please contact Patrick Le Fèvre, Chief Marketing and Communications Officer

+46 (0) 158 703 00

marcom@prbx.com

Ref: PRBX-PR-18006-EN

Powerbox International AB
Västra Storgatan 22
PO Box 148
SE-646 22 Gnesta Sweden
www.prbx.com