



Editorial Contact

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Martek's New Railway Qualified DC/DC Converter Series Accepts Very Wide Input Voltage Range

- **Single Power Supply Unit Suits Majority of Railway Applications**
 - **Up to 50W of output power**
 - **Full EN50155 compliance**

Martek Power extends its technology leadership in power supplies designed specifically for railway applications with the introduction of a **DC/DC converter** designed to satisfy the majority of rolling stock DC power applications with a single unit. As a result, users are able to specify the same power supply no matter what the input voltage demanded by the application.

The **CCR050 Series** DC/DC converters accept a very wide nominal input voltage range from 24 to 110VDC (16.8 to 137.5VDC) and provide up to 50W. Nominal output voltage is 24VDC; models with alternative output voltages are available on request. Efficiency levels are better than 85% at 72V input voltage.

They comply fully with the requirements of **EN50155** for railway applications, including EN 50121-3-2, EN55011 and EN 61373.

Key features include reverse input voltage protection, over voltage protection, permanent short circuit protection and inrush current limitation. Operating temperature range is -40° to +70°C without derating.

CCR050 Series converters feature faston terminals for both input and output connections and are available open frame or housed in a simple metal enclosure. The open frame version measures 105 x 100 x 35.5mm.

Editor's Note

Martek Power is recognised as a leader in the design and production of standard and custom AC/DC power supplies, DC/DC power converters and DC/AC Power

inverters for Railway, Military, Aerospace, Medical, Automotive, Computing, Data Storage, Telecom, Networking, Instrumentation and Industrial applications.

Martek Power is a truly international company with design and manufacturing centres in Europe, North America, North Africa and Asia. With this global reach, Martek Power is well qualified to service customers in Worldwide markets with the highest level of local technical and customer support.

More about Martek Power at www.martekpower.com