

PRESS RELEASE

Specialist for DC/DC converters for transportation systems

AUTRONIC is one of Europe's leading suppliers of DC/DC converters up to 200 Watts in the transportation systems sector. Since the very first generation, the ICE (Inter City Express) has been on the rails with AUTRONIC converters. Our customers include Siemens TS, VST and Bombardier. Our range of standard converters includes around 700 variants. Customer-specific solutions are one of the strengths of our company. Particular highlights include:

Railway-compatible quad converter for CompactPCI

The new **HEC-4** series for CompactPCI: with a width of only 8 HP, the 3U devices have an output power of 100 Watts. The railway-compatible quad converters are equipped with the output voltages +3.3, +5, +12 and -12 V. They are on offer as a standard with the input voltage of 24, 36, 72 and 110V in accordance with EN 50155 (class S2).

Flat and short – but what power:

the new LEC-C and -CS DC/DC converter for flange-mounting

AUTRONIC is proud to announce a new generation of DC/DC converters for chassis mounting with an output power of up to 160 Watts: the new LEC-C series. Thanks to its modular structure, a shortened euro-rack version is available which is just 119 mm long. The new LEC-CS (see picture) is thus ideal for applications with very limited space. Its features show that size does not determine ability: its merits are short-circuit protection, overtemperature and overcurrent shutdown, remote on/off, reverse polarity protection by an internal protector, Voltage Control, Thermal Warning, Synchronization, Voltage in Fail, Voltage out Fail and Sense.

The new series is designed for mobile use, for example in accordance with the Railway Standard EN 50155. An outstanding feature of the

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AUTRONIC DC/DC converters is the wide input voltage ranges (+/- 40%) for the nominal input voltages 12, 24, 36, 48, 72 and 110V. The single converter is available with the following output voltages: 3.3; 5; 12; 15 and 24 V. The converters can be used in the temperature range – 40 to + 85°C.

DC/DC converters with ultra-wide input range

AUTRONIC is introducing the **AVP-W/KE** – a new DC/DC converter series with an output power of up to 78 Watts for mobile use. All standard onboard power supplies can be covered with the ultra-wide input voltage ranges of 14.4-154V. The 19" cassette is available as a single, dual and triple variant. Efficiency can be up to 87% and the converters can be used between –40 and +85°C.

The converters have both overvoltage and overtemperature protection as well as active reverse polarity protection with inrush current limiting. They can operate with a zero load, are short-circuit protected and can be shut down remotely. The coated devices, which are protected against vibration, can cover a mains failure of 10ms, even with a minimal input voltage and high output power. Parallel connection and tracking operation are also possible with the converters. The Railway Standards EN 50155 and EN 50121-3-2 are adhered to.

2.939 digits

Photos (see e-mail)

HEC-4

LEC-CS

AVP-W/KE

Converter tower

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