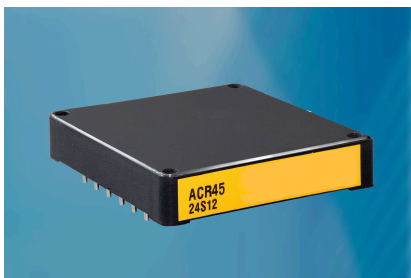




Switchmode DC(AC)/DC Converters • DC(AC)/AC Inverters • DC(AC)/DC Battery Chargers
Thyristor-controlled Battery Chargers & Power Supplies • Step-up Converters • Static Switches

FOR IMMEDIATE RELEASE

45W DC/DC Converters for Railway Applications



Ashland, MA -- Schaefer, Inc. announces the ACR45 Series of DC/DC converters, which provide 45W in a compact 2" x 2" board mountable package. Meeting the requirements of EN50155 for electronic equipment used on railway rolling stock, these converters are suitable for railway and other transportation systems, as well as other demanding applications such as displays, lighting, control systems and passenger entertainment systems.

Input voltage ranges of 14.4-40VDC and 9-36VDC are standard, with a range of 66-154VDC in development, and custom requests are welcomed. Single output voltages of 5VDC 12VDC, 15VDC, and 24VDC are tightly regulated and can be trimmed +10% / -20%.

Low ripple & noise, parallel capability, remote on/off, remote sense, efficiencies to 89%, and a high MTBF are features of the ACR45 Series. Comprehensive protection circuitry includes over voltage, over current and over temperature controls.

Resilient in design, the converters boast an operating temperature of -40C to +85C and shock/vibration to EN61373 standards. The ACR45 Series bears the CE Mark, is approved to EN60950-1, designed according to EN50155 standards, and meets EMC EN50121-3-2 and EN55011 standards.

Mechanical and electrical modifications to standard models are readily available upon request. In addition, Schaefer can design and manufacture fully custom solutions.

For further information and product price/delivery, please contact Schaefer's Sales Department, (sales@schaeferpower.com). Schaefer, Inc., 200 Butterfield Drive, Ashland, MA 01721. Tel: 508/881-7330 Fax: 508/231-0861

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