

HFBC60-W/Ks – NEW TECHNOLOGY IN COMPACT DESIGN

The brand new HFBC60-W/Ks for wall mounting has an ultra-wide input voltage range between 14,4 and 154VDC with a power of 60 Watt. So one single converter suits for all international on-board power supply voltages for rail vehicles (24V, 36V, 72V and 110V) including the tolerance range of +/- 40% required according to EN 50155. This ultra-wide voltage range is an optimum solution for companies acting Europe-wide offering them the chance to qualify components cost-efficiently with one single converter.

With regard to temperature, shock, vibration and the railway-specific EMC criteria according to EN50121-3-2, as well as surge, burst and ESD strict compliance with EN 50155 is provided without additional components. Further, the converter has an integrated power failure bridge of 10 ms (class S2), which makes the compact converter (113 x 46 x 35mm) really unique. Due to the combination of booster and active clamp in the optimized operating point a high degree of efficiency is reached (ca. 91%).

Standard features are inrush current limitation as well as excess voltage and excess temperature protection, in addition, the converter is open-circuit stable and continuously short-circuit proof. The modules suit for parallel connection and the output voltage can be trimmed. Beside the 12V and 24V type, a 5V version will be available soon. Other outputs will be available on request.

2016

For any questions please contact:

Giovanni Rodio

☎ + 49 (0) 71 47 / 24-232

✉ grodio@autronic.de



AUTRONIC Steuer- und Regel-
technik GmbH

Siemensstr. 17

D-74343 Sachsenheim

Telefon: +49 (0) 71 47 / 24-0

Telefax: +49 (0) 71 47 / 24-252

Homepage: www.autronic.de

E-Mail: vertrieb@autronic.de