

P R  
B X

POWERBOX  
GB200 Series



## DC/DC repeater for railway applications

This device needs to withstand extreme conditions and was therefore tested to its very limits. We exposed it to extreme temperatures and an immensely wearing vibration test (highly accelerated lifecycle testing / HALT). This highly versatile basic device can be used in numerous different applications and can be customized to meet diverse specifications.



### Features

- High efficiency
- Ambient operation temperature range from -25°C to +80°C
- Safety acc. EN60950 and EN50155 standard
- UL 60950 certified
- CE marking acc. to EMC and LV directives
- I2C-Bus interface for temperature measurement
- Potentiometer for adjustment of the output voltage (26 – 32 VDC)
- Conformal coating
- Highly Accelerated Life tested (Halt)

### Input

- 110 VDC / 48 VDC / 24 VDC

### Output 200 W

- 200 W / 28 VDC / 7.2 A

### Dimensions

- 172 x 110 x 40 mm (DxWxH)

### 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.

### For more information

Visit [www.prbx.com](http://www.prbx.com)