

DC/DC-Converter

HFC150-2BW/G



HFC150-2BW - Maximum power, minimum space requirement - the innovative DC/DC converter with 150 watts

With a wide input range from 14.4 V to 154 V and a space-saving design, it is the perfect solution for demanding applications in harsh environments. It naturally complies with all railway-relevant standards, such as EN 50155 and EN 50121-3-2, including EMC06.

Reliability at the highest level thanks to its exceptional robustness and comprehensive protection mechanisms, including active inrush current limitation (20 A), reverse polarity protection and protection against overcurrent, overvoltage and overtemperature (OVP, OCP, OTP), including integrated 10 ms hold-up-time, the converter guarantees maximum operational reliability.

The railway-specific EMC requirements (surge, burst, emission, immunity, EMV06) are met without additional circuitry - a real advantage for installations in the railroad sector.

Further details can be found in the data sheet!

FORTEC
POWER

Facts

Input:

14,4 V to 154 V (one device)

Output:

- ± 15 V, ± 24 V, 24 V oder 48 V

Power

- 150 W bis 85 °C

Others

- Galvanically isolated
- Efficiency up to 93 %
- Temperature class OT4, ST1 and ST2
- OVP, OCP, OTP
- No minimum load
- Short-circuit proof
- Inrush current limitation
- Reverse polarity protection
- Size: 245 x 75 x 47 mm
- Usage up to 2000 m
- EN 50155, EN 50121-3-2, EN 61373, EN 45545-2, EMV06

Applications

- Box-PCs
- Door opener
- Controls

Areas of application

- Railway and applications in harsh environmental