

NEWS - DBK ITM

Easily decrease electrical voltage.

DBK discharge resistor



Discharge resistors are used to safely discharge batteries, capacitors and other voltage-carrying devices. E.g., during machine maintenances or operation of electric vehicles, it is tremendously important that voltage does not pose a risk to both, humans and equipment. Therefore, such applications need to be equipped with reliable discharging devices, such as DBK's PTC discharge resistors. By transforming electric voltage into heat energy, the voltage level can be reduced within seconds. DBK's very compact PTC discharge resistors can handle voltages up to 1200V without any additional controls due to self-regulating PTC heating elements.

- Compact design
- Quick and efficient decrease of voltages up to 1200V
- High safety due to PTC technology

Heating of railway vehicles, rail tracks and switches.

New application field



We're always looking for ways to enhance our products, which is why we are now able to serve customers operating in the field of railway engineering. Especially in northern European countries where temperatures drop way below 0°C, electric heat is crucial to maintain railway transportation in winter. As such applications are subject to fire protection norms (DIN EN45545), operation safety and temperature limitation are key. DBK's PTC heaters are perfectly suited to fulfill such requirements as their maximum temperature can be limited to e.g. 200°C. Depending on the application's pollution degree, voltage level, and environmental conditions, our finned resistor heaters, convection heaters and surface heaters can be designed according to common railway standards.

SPS IPC Drives 2017.

ITM in Nuremberg



As in previous years, we are eager to present our solutions and innovations at the world's largest tradeshow for automation, SPS IPC Drives. We invite you to experience our products from November 28th – 30th in Nuremberg, hall 5 booth 5-346!

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