

Products & Technologies



Film capacitors

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Compact link circuit solution

For compact frequency converters in the power class up to about 40 kW, EPCOS now offers space-saving MKP link circuit capacitors of the DC Link HD series (B3277*) with a high capacitance density. These self-healing capacitors cover the voltage range from 450 to 1300 V DC and are available with capacitance values of between 1.5 and 110 μF . With their low ESR of down to 3.0 m Ω and small ESL of 10 nH, they offer a ripple current capability of up to 20 A at 70 °C and 10 kHz.

The DC Link HP series (B3267*) is optimized for high power densities. It is designed for voltages between 450 and 1050 V DC and offers capacitance values between 0.47 and 60 μF . These MKP capacitors feature a high ripple current capability of up to 23 A.

Both series are designed for a service life of 200 000 hours and can be operated at a temperature of up to 105 °C. Four-pin versions are also available for applications requiring increased vibration stability.