

Products & Technologies



Inductors

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EMC power line chokes for high currents

EPCOS has extended its range of EMC power chokes by types designed for high currents. Its double power line chokes now attain current capabilities of up to 54 A. The new B82725S* and B82726S* series cover inductance values from 0.2 to 100 mH. The triple chokes of the B8274* series are now available with current capabilities of up to 62 A.

Depending on the type, their resistance is between 1.5 and 2800 m Ω . The rated voltage of the double power chokes is 250 V AC, that of the triple variants up to 690 V AC. The chokes are designed for nominal temperatures of between 40 °C and 85 °C depending on their type.

The chokes are available in vertical or horizontal versions. They may be used in frequency converters, solar converters, switch-mode power supplies and domestic appliances. Thanks to their low leakage inductance of about 1 percent, good suppression of common mode interference is achieved.