



EMC Filters

Cautions and Warnings

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Cautions and Warnings

Reactors for Power Electronics

- Please note further advice in our website www.tdk-electronics.tdk.com/pemc_lac_gti
- It shall be ensured that only qualified persons (electricity specialists) are engaged on work such as planning, assembly, installation, operation, repair and maintenance. They must be provided with the corresponding documentation.
- The protective earth connections shall be the first to be made when the product is installed and the last to be disconnected.
- Impermissible overloading of the product, such as with circuits able to cause resonances, impermissible voltages at higher frequencies etc. can lead to bodily injury and death as well as cause substantial material damages (e.g. destruction of the insulating).
- The products must be protected in the application against impermissible exceeding of the rated currents by overcurrent protective.
- The products must be protected in the application against impermissible exceeding of the specification parameter.
- The converter output frequency must be within the specified range to avoid resonances and uncontrolled warming of the output chokes and output filters.
- Because the product can become very hot during operation, there is the risk of burns if touched. The product can remain hot for some time after the power is switched off!
- The products are only to be attached to the fixings or mounting holes provided for this purpose in accordance with the data sheet. It is not permitted for the product specified in the data sheet to assume a mechanical function in the final application, in particular any type of tension or pressure on the product must be prevented.
- With surface-treated sheets (e.g. galvanized), edge rust may occur due to the manufacturing process. This does not constitute a quality defect. Alternative materials are available if required.