

SMA MAGNETICS



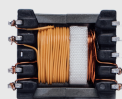
Leading European manufacturer of high quality magnetic components for photovoltaic, electrotechnical and power electronics industries.



SMA MAGNETICS PRODUCTS

Product development and manufacturing is based on customer's requirements.

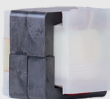
TRANSFORMERS



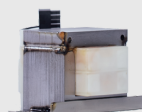
Signal transformers



High-frequency transformers



Safety transformers



Isolation transformers



Power transformers



PCB-mounted transformers

TYPICAL PARAMETERS

Primary voltage: ≤ 1500 V

Secondary voltage: ≤ 1500 V

Frequency > 10 kHz

Protection class: IP00-IP67

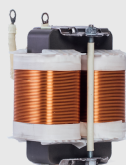
(not applicable for leads)

Insulation class: B, F or H

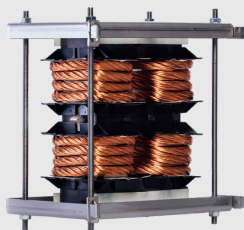
Insulation:

basic, extra, double, reinforced

CHOKES



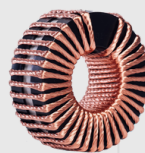
Chokes for AC-DC inverters



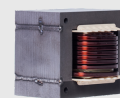
Chokes for DC-DC converters



Common-mode chokes (CMC)



Resonant chokes



Low-frequency chokes



PCB-mounted chokes

TYPICAL PARAMETERS

Rated RMS current: Depends on the application, typically is not exceeding 1000 A

Initial inductance, Current profile and Frequency (individual customer's requirements)

Rated voltage: ≤ 5000 V

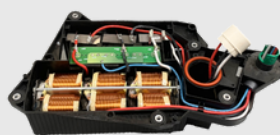
Insulation class: B, F or H

Protection class: IP00-IP67

SPECIAL SOLUTIONS



Functional blocks of components



LCL Filters



EMI Filter blocks



Transformers assemblies

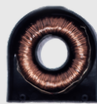
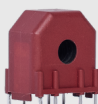
TYPICAL PARAMETERS

Design: Toroidal cores, EI cores and block cores

Open or encapsulated (resin potted or impregnated)

In accordance with the norms: according customer's requirements

CURRENT TRANSFORMERS



TYPICAL PARAMETERS

Rated RMS current: ≤ 100 A

Rated voltage: ≤ 1000 V

Insulation class: B, F or H

Protection class: IP00-IP67

WHY SMA MAGNETICS?



Complex R&D support



Interdisciplinary experience



Complex products solutions



Wide range of products



The highest quality standards



Manufacturing processes optimization



Product life cycle support

We are reliable supplier of innovative products and sustainable development solutions.

MARKET SEGMENTS

RENEWABLE ENERGY



INDUSTRY



RAILWAY



AUTOMOTIVE



MEDICAL





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