EXXELIA SVM

MANUFACTURER OF

MAGNETIC COMPONENTS & BUS BARS

For almost 35 years

Markets

Medical

Defense | Industry

Expertise on HV and **medical magnetics (IEC-60601) - UL qualification expertise** and **Audit direct channel**

- **R&D design Center :** Busbars & Magnetics | High voltage dry-type (up to 50kV)
- **High Flexible** & **High Capacity Production**

- **Simulation capabilities and testing capabilities** Busbars & Magnetics
- **In-house Raw Mat manufacturing : Vertical integration** (Litz wire, plastic injection mechanics, steel lamination stamping)

SVM MAGNETICS CATALOG OFFERINGS

High Frequency Transformers - Power rating up to 120kW, Frequency range up to 500kHz, current range up to 350A

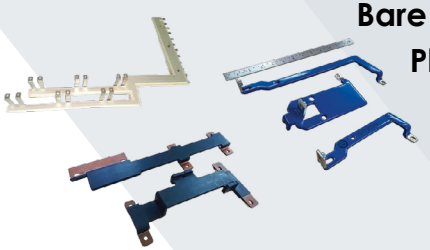
AC and DC Inductors - AC current rating up to 350A
Common Mode Choke | Differential mode Choke | Boost

Air core Inductors, available in high volume

Power & auto Transformers 50/60Hz
Single phase up to 10kVA and 3 phase up to 25kVA

High-Level Assembly components
Power Distribution Unit (PDU), HV oil tank inductors & transformers

SVM BUSBARS CATALOG OFFERINGS



Bare Copper - for high conductivity

Plated Busbars

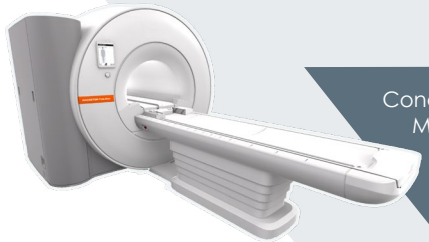
Flexible Busbars

PVC Overmolded

Resin Casting

Powder Coated

Laminated Busbar



Conductor materials: Copper & Aluminium
Max dimensions : **1,2m x 0,6m**
Plating: Tin, Silver, Nickel & Gold available
Dielectric withstand (Hipot): Up to **17kV**

Expertise in Medical applications & Norms

Full knowledges in medical norms

- IEC 60601-1
- UL 60601
- ES 60601-1:2005
- UL 5085-1 & UL 5085-2

Clean room for medical critical manufacturing process : Oil and HV products – Allow no pollution | Strict material management. Certified Quality and rigorous controls, ensuring maximum reliability for mission-critical applications
100% EOU (Export Oriented Units)

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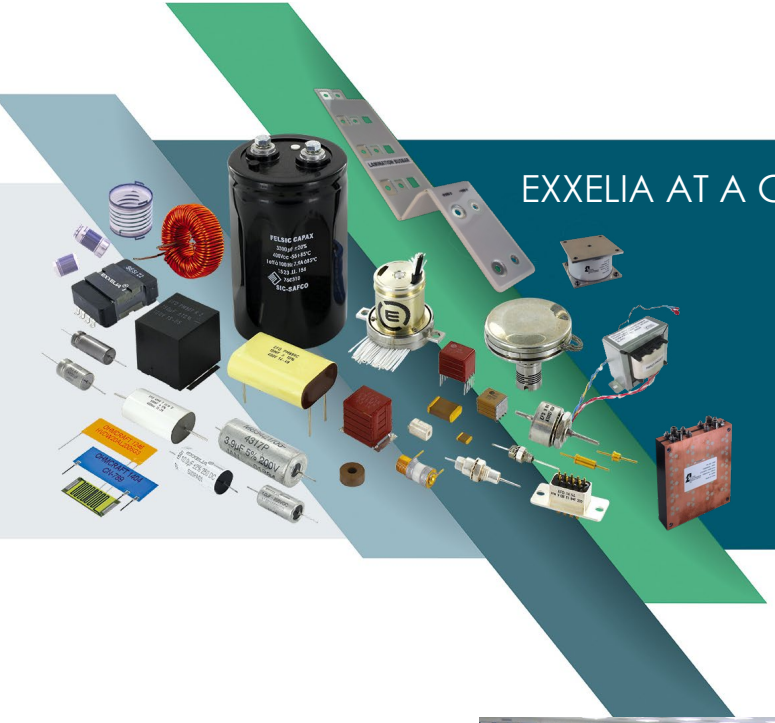

EXXELIA AT A GLANCE

+3100 Employees

12 Manufacturing Locations

ISO 9001
ISO 14001
Certified

Sales In more than **50 countries**

Our Magnetics & Bus bars SVM division

Since **35** years

650 employees

45 engineers & technicians

8500 m² operations facility

1000 m² clean room

6-8 w avg. leadtime

98 % OTD

ISO **9001**
ISO **14001**
ISO **EN 9100***

RoHS & **REACH** compliant

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** end off 2025*