

## SCHAFFNER GROUP



ECOsine harmonic filter for improving power quality and efficiency in electrical grids.



dU/dt output filter for reduction of voltage stress at motor windings, protecting AC motors from destructive effects of peak voltages.

### Shaping electrical power

The Schaffner Group is a global leader in providing solutions that ensure the efficient and reliable operation of power electronic systems by shaping electrical power. The Company's portfolio includes EMI filters, power magnetic components and power quality filters with related services. Schaffner components are deployed in electronic motor controls, in wind power and photovoltaic systems, rail technology applications, machine tools and robotics, electrical infrastructure, as well as in power supplies for a wide range of electronic devices in sectors such as medical technology. For the automobile industry, Schaffner develops and manufactures components

for convenience and safety features in cars and filter solutions for electric vehicles as well as their charging infrastructure. Headquartered in Switzerland, Schaffner serves its global customers through its engineering and manufacturing centers in Europe, Asia and in North America. Through significant investments into research and development, the Company strives to expand its leading position in growing markets.

### Innovation success factors

We are convinced, that efficient and focussed networking is one of the most important innovation success factors.

This is why Schaffner is very open for R&D contacts with industry as well as with universities and research institutes. Schaffner's research is focussed on the mitigation of distortions, generated by modern power electronic systems. This requires a deep understanding of the distortion sources and of adequate suppression concepts for the different types of distortions, supported by sophisticated computational engineering knowledge. Novel magnetic materials as well as construction principles, production processes and design tools for magnetic components get our best attention, in order to permanently improve our capabilities to serve the very different requirements of our customers.



In a world of ever increasing competitiveness, only the best quality, the best manufacturing processes, the best supply chain, the best sales processes, will guarantee success.