

Railway Industry

RELIABLE INDUCTIVE COMPONENTS FOR THE RAILWAY INDUSTRY

Tailored Performance.
Proven Durability.
Certified Compliance.

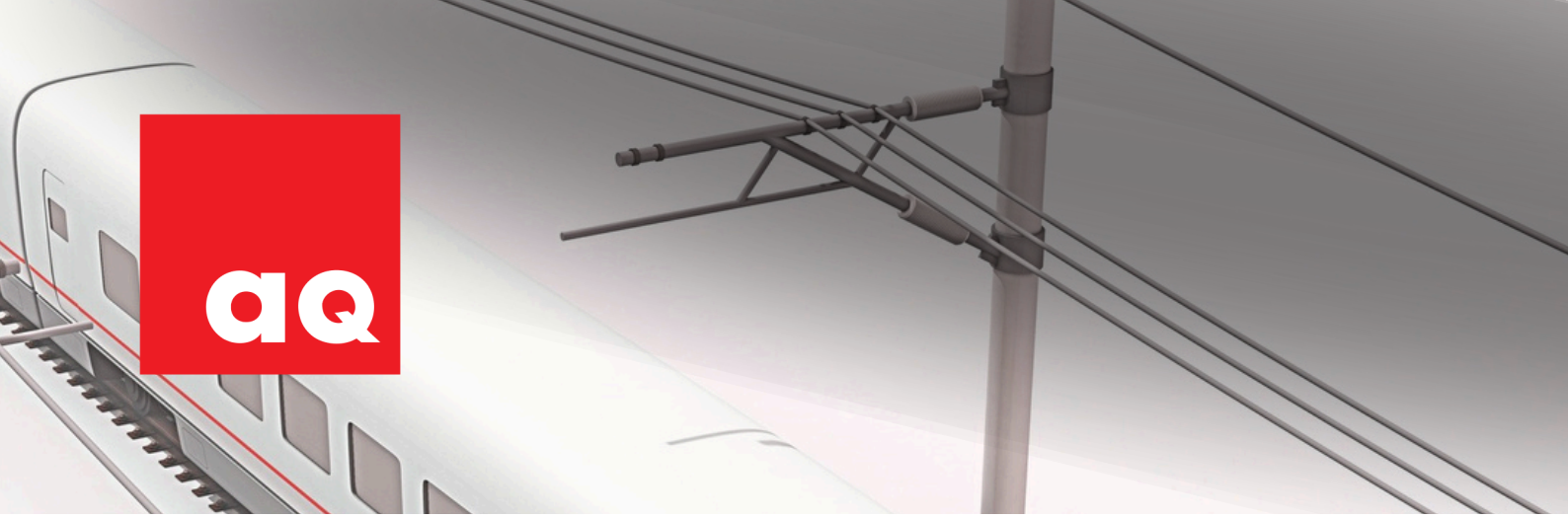
At AQ, we specialize in the development and manufacturing of inductive components designed specifically for the rigorous demands of the railway industry. Our products are engineered to not only meet but exceed customer-specific requirements, while strictly adhering to all relevant railway standards and specifications.

PERFORMANCE RANGE UP TO

50/60Hz	Medium frequency
< 4MVA	< 800 kVA
< 35kV	< 5 kV
< 3000 A	< 500 A
< 50/60 Hz	< 150 kHz

www.aqgroup.com

AQ Magnetronics s.r.o.



Cooling methods

Efficient cooling is critical to the reliability of railway-grade transformers and reactors.
At AQ we can offer every major cooling method - AN, AF, OFAF, and closed-loop water cooling

Medium frequency

AQ is a leading expert in medium frequency power transformers and power inductors, providing high quailty, reliable solutions for auxiliary power supplies.

Weight opimalization

Our inductive components are designed with optimized materials and compact construction techniques to reduce weight without compromising performance or reliability.

Shock and vibration

Our products are thoroughly tested and engineered to endure high levels of shock and vibration, ensuring continuous, stable operation over their entire service life.

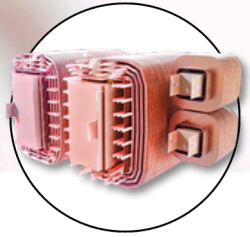
30-year lifetime

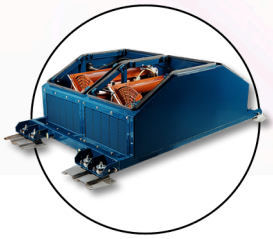
Our inductive components are built for longevity. From design to material selection and manufacturing processes, every step is optimized for maximum service life and minimized maintenance cycles.

Fire protection standards

Safety is non-negotiable in railway applications. That's why our products are designed to meet the highest fire protection requirements, including EN45545 and other international standards.

TRANSFORMERS | LINE FILTER REACTORS | CHOPPER REACTORS
RESONANCE FILTER INDUCTORS | STEPDOWN CHOPPER REACTORS
3 PHASE AC FILTER INDUCTORS | DC REACTORS | COMBINED PRODUTCS





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WE ARE RELIABLE