







ELECTRIFICATION

# NeoGear™

Join the switchgear revolution



**Dissipates**  
 **20%**  
**less heat**   
 ————— than  
**traditional**   
**switchgear.**  
**NeoGear.**   
**A revolution**   
**in sustainability.**

01 Dissipates 20% less heat than traditional switchgear.

For more than four decades, low-voltage switchgear systems have stayed more or less the same. Now, it's time for a revolution. Introducing ABB NeoGear™, the biggest breakthrough in switchgear technology yet.

**NeoGear is a revolutionary new switchgear, based on an innovative busbar concept.**

Combined with the connectivity and digital smartness of the ABB Ability™ platform, it offers maximum safety, highest reliability, more flexibility, better efficiency and measurable ROI.

- **NeoGear** is safer, thanks to its revolutionary, fully insulated busbar system
- **NeoGear** is more reliable, because its busbar system is maintenance-free and significantly reduces risk of mechanical failure
- **NeoGear** is more flexible, thanks to a new contact system
- **NeoGear** is scalable, because it needs much fewer parts and offers more space for starter and feeder components
- **NeoGear** saves energy thanks to its excellent thermal performance and sharply reduced losses
- **NeoGear** is underpinned by the ABB Ability™ platform, for better energy management, condition monitoring and predictive maintenance
- **NeoGear** is future-proof, ready to support the digital factory of the future with its cloud computing an industrial IoT solutions



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02 Technician or innovator? Join the switchgear revolution.

**ABB Electrification:**  
Writing the future of safe, smart and sustainable electrical distribution solutions

The world has been on a steady trajectory of electrification for the past 100 years. Today, that trajectory is changing.

Energy needs to be generated and used in a more efficient and safer way. Industrial energy users are under significant pressure to reduce overall costs.

**We have the technology to make it happen.**

As the customer-centric leader with deep sector knowledge acquired over decades, we offer digitally enabled, scalable and flexible solutions that meet our customers' needs across the entire value chain.

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Electrification business  
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