January 16, 2025

**PRESS** INFORMATION

**ABB and Wieland Electric partner to redefine efficiency in modular construction**

**ABB Electrification and Wieland Electric have announced a strategic partnership at BAU 2025, the world's leading trade fair for architecture, materials and systems in Munich. The aim of the partnership is to revolutionize modular and serial construction with innovative, prefabricated electrical installation systems.**

• ABB Smart Building solutions to be integrated into prefabricated electrical installation systems

• Innovative and unique plug-and-play solution to bring cost, time and labor savings to construction projects

• Electrical installation time on site reduced by up to 70% with costs lowered by approximately 30%

ABB Electrification’s Smart Buildings Division and Wieland Electric today announced a strategic partnership to revolutionize modular and serial construction with advanced prefabricated electrical installation systems. The collaboration combines Wieland’s innovative connector technology with ABB’s extensive portfolio – including switches, sockets, installation boxes, energy distribution, and smart home solutions – to deliver plug-and-play electrical installation for greater efficiency in modular and serial construction projects.

This joint offering integrates ABB's innovative energy distribution systems, wiring accessories, and smart home solutions with the WIELAND PREFAB® fully pluggable electrical installation system. Utilizing digital planning tools for configuration, this plug-and-play solution is designed for just-in-time delivery to construction sites and reduces electrical installation time on site by up to 70% and lowers costs by

approximately 30%1.

The new offering is ideal for highly standardized projects, such as multi-apartment buildings and hotels, which benefit most from higher efficiency. Less standardized projects and single residential prefabricated homes can also take advantage of the solution, making it easier to meet tight deadlines and address resource constraints. Overall, the solution sets new benchmarks for speed, reliability, and sustainability in construction. “This collaboration represents a significant step forward in the evolution of modular construction and addresses critical challenges in the construction sector,” said Sven Werdes, Global Product Line Manager at ABB Electrification. “Through innovation and partnerships such as this one, we help modular and serial construction projects become more productive, efficient and sustainable so they can outperform. By implementing automated processes and prefabricated systems, we reduce dependence on specialized labor, minimize construction waste, and accelerate project timelines. These efficiencies lead to substantial savings in cost, time, and waste, benefiting owners, developers, installers, and the environment alike.” Peter Kauf, Head of PREFAB at Wieland Electric, added, “This partnership will revolutionize the future of construction. It combines the strengths of two industry leaders to take modular and serial construction into a new era and redefine the standards for efficiency, quality and flexibility.”

Ein Bild, das Text, Screenshot, Design, Ausstellung enthält.

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**Photo 1 (Partnership live at BAU 2025)**

Integrated solution at BAU 2025, Munich

Ein Bild, das Text, Bilderrahmen, Im Haus, Kunst enthält.

Automatisch generierte Beschreibung

**Photo 2 (A visible system)**

The switch ranges from Busch-Jaeger such as Busch-Balance® SI can be pre-assembled pluggable in Wieland PREFAB®. © Wieland Electric GmbH

Ein Bild, das Im Haus, Computer, Mobiliar, Stuhl enthält.

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**Photo 3 (pre-assembled switch cabinet)**

The combination of prefabricated modules and high-quality components from ABB and Wieland ensures a fault-free and reliable electrical installation on site.

Image source: Wieland Electric GmbH

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About **Wieland Electric**

Wieland Electric, founded in 1910, is a global leader in innovative electrical connection systems and the world market leader for pluggable installations tailored to functional buildings. Headquartered in Bamberg, Germany, with sales organizations in over 70 countries, Wieland combines over a century of engineering excellence with a commitment to sustainability. Specializing in modular construction, Wieland Electric provides advanced, pluggable installation systems that streamline electrical wiring in buildings, significantly reducing installation times, increasing flexibility, and ensuring safe, reliable connections. In addition to its expertise in building solutions, Wieland offers solutions for safety and automation technology, serving industries such as smart building technology, lighting systems, HVAC, and energy-efficient structures. For over 30 years, Wieland has empowered architects, planners, and contractors to execute complex projects with efficiency and precision. www.wieland-electric.com/en/building-technology/solutions/



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**About ABB**

ABB is a global technology leader in electrification and automation, enabling a more sustainable and resource-efficient future. By connecting its engineering and digitalization expertise, ABB helps industries run at high performance, while becoming more efficient, productive and sustainable so they outperform. At ABB, we call this ‘Engineered to Outrun’. The company has over 140 years of history and more than 105,000 employees worldwide. ABB’s shares are listed on the SIX Swiss Exchange (ABBN) and Nasdaq Stockholm (ABB). www.abb.com

ABB Electrification is a global technology leader enabling the efficient and reliable distribution of electricity from source to socket. With more than 50,000 employees across 100 countries, we collaborate with our customers and partners to solve the world’s greatest challenges in electrical distribution and energy management. As the energy transition accelerates and electricity demands grow, we are electrifying the world in a safe, smart and sustainable way. At ABB, we are ‘Engineered to Outrun’, and we are passionate about helping our customers and partners do the same. go.abb/electrification