



wieland

MARCH 2024

SUCCESS STORY

WOLF SYSTEM GMBH: EFFICIENT CONSTRUCTION PROCESSES WITH PLUGGABLE ELECTRICAL INSTALLATION

WOLF System GmbH, based in Osterhofen in Lower Bavaria, is one of the most productive companies in the construction industry. In addition to container, agricultural, steel, industrial, and commercial construction, the company's service portfolio also includes the planning, production, and erection of prefabricated houses. The experts at WOLF rely on PREFAB solutions from Wieland Electric for the electrical installation of the modular buildings and benefit from a high level of planning reliability and smooth construction processes.

Simple and efficient processes

"We started doing modular construction three years ago, and we have been working with Wieland Electric ever since – firstly on the model houses and then on the prefabricated houses for our end customers. At the time, we were looking for someone who could make individual plans for us and was prepared to build, dismantle and reassemble the modular house with us in the factory, without a great deal of effort," reports Sabrina Ziegler, master electrician for energy and building construction at Wolf System GmbH.

In practice, this means that the project managers at WOLF send their plans to Wieland Electric and in turn receive a plan back showing the pluggable components of the electrical installation. "The pluggability of the Wieland system enables us to simply plug

and play the electrical installation back together on site using small boxes at the module joints. Then the power is on and everything is perfect," adds Sabrina Ziegler.

Error-free plugging

The Wieland PREFAB® solutions also score points during installation, as Simon Weber, electrical engineer for energy and building technology at WOLF System GmbH, explains: "The advantage of the Wieland system is that I pull my cables as normal and then have the color coding as a guide, for example brown for the switches, black for the supply lines and white for the lamps. That means I pull the cables in, label them and then plug them into the relevant slot - that's it. So basically I can't do anything wrong."

Reducing errors on the construction site and reducing rework - this is exactly what early clarification in the construction phase achieves, as Leroy McInturff, Key Account Manager PREFAB & INVESTORS at Wieland Electric, knows: "With our PREFAB systems, we increase the degree of prefabrication of modular buildings and create more process reliability. To plan the electrical installation, we mentally enter the building and break it down into components based on the application. In this way, we create a modular system that enables efficient electrical installation. By modularizing the application, we can achieve great added value: The solution is standardized and then converted into a pluggable concept."

IMAGE MATERIAL



The building elements of the prefabricated houses are manufactured at WOLF System GmbH in a weather-protected production hall. (Image: Wieland Electric)



The more work steps are already carried out in the production halls, the easier the work becomes for the fitters on the construction site - this also applies to the electrical installation. This is where WOLF relies on the prefabricated, pluggable PREFAB solutions from Wieland Electric. (Image: Wieland Electric)



wieland



Color coding of the Wieland PREFAB® installation system ensures that incorrect plugging is reliably avoided. (Image: Wieland Electric)



wieland

PRESSCONTACT

Magdalena Montagna

Content Marketing & Communication

Phone: +49 (951) 9324 - 316

E-mail: magdalena.montagna@wieland-electric.com

ABOUT WIELAND ELECTRIC

Wieland Electric, founded in Bamberg in 1910, is the inventor of safe electrical connection technology. Today, the family-owned company is one of the leading suppliers of safety and automation technology and has been the global market leader in the field of pluggable electrical installations for building technology for over 30 years.

Wieland Electric assists customers with on-site support all over the world as a capable service partner and solution provider. This is possible thanks to around 1,700 employees and subsidiaries as well as sales organizations in over 70 countries. In addition to Wieland Electric GmbH, STOCKO Contact GmbH & Co. KG has belonged to Wieland Holding since 1998.

The company's core industries include mechanical engineering, wind power, intralogistics and HVAC, as well as building and lighting technology. The broad portfolio includes components, products, and solutions for electrical installation, connection technology, power distribution, safety technology, and the control cabinet. In addition, Wieland Electric offers an extensive service and training program. With cross-industry experience, a great product diversity and numerous service offerings, the company has consistently developed from a component supplier to a solution provider in recent years.