



MAY 2023 **SUCCESS STORY**

QUICKLY AND SAFELY WIRED

Wieland Electric provides reliable cabling for LED lighting in new roof structure at the Düsseldorf exhibition center

A futuristic "floating" roof construction stretches over the forecourt of exhibition hall 1 at the Düsseldorf exhibition center. With an area of 7,800 square meters, the roof sail protects trade fair visitors from the weather and creates a bright, friendly atmosphere thanks to its translucent construction. But the roofing not only impresses visitors during the day, but also at night, making the outdoor area in front of the hall shine thanks to an innovative LED lighting design. An important role in the longevity of the lighting is played by the underlying electrical installation, for which Bamberg-based technology company Wieland Electric is responsible.

Over 1,500 DALI luminaires had to be wired for the lighting installation of the huge roof sail. For this, Wieland Electric relied on its proven RST[®] connector system. Due to the high IP protection, the components can be used safely outdoors even under harsh environmental conditions. To additionally protect the complex cabling from external influences, Wieland Electric also resorted to robust industrial empty housings from Spelsberg, which are certified to IP66 and were individually manufactured so that the available installation space could be optimally utilized. Moreover, since the pre-wired and color-coded plug connectors of the RST[®] system are connected and hooked up in no time due to the plug & play principle, it was possible to implement the entire electrical installation within three weeks.

IMAGE MATERIAL



When darkness falls, the new roof construction above the forecourt of the new exhibition hall 1 in Düsseldorf shines with over 1,500 LED lights, for whose cabling Wieland Electric is responsible.

PRESS CONTACT

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 1,600 employees and subsidiaries as well as sales



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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.