Rittal, Eplan, Cideon and GEC at SPS

New venue: Hall 3C, Booth 301

From 14 to 16 November 2023 in Nuremberg, Germany

|  |
| --- |
|  |
| **Corporate Communications**  Dr Carola Hilbrand Phone: +49 2772 505-2527 E-mail: hilbrand.c@rittal.de  Hans-Robert Koch Phone: +49 2772 505-2693 E-mail: [koch.hr@rittal.de](mailto:koch.hr@rittal.de)  Steffen Maltzan Phone: +49 2772 505-2680 E-mail: maltzan.s@rittal.de  Jannick Bangard Phone: +49 2772 505-1341 E-mail: bangard.j@rittal.de  Rittal GmbH & Co. KG Auf dem Stützelberg 35745 Herborn, Germany www.rittal.com |
|  |

New Rittal AX and KX in stainless steel

|  |
| --- |
|  |
| **Corporate Communications**  Dr Carola Hilbrand Phone: +49 2772 505-2527 E-mail: hilbrand.c@rittal.de  Hans-Robert Koch Phone: +49 2772 505-2693 E-mail: [koch.hr@rittal.de](mailto:koch.hr@rittal.de)  Steffen Maltzan Phone: +49 2772 505-2680 E-mail: maltzan.s@rittal.de  Jannick Bangard Phone: +49 2772 505-1341 E-mail: bangard.j@rittal.de  Rittal GmbH & Co. KG Auf dem Stützelberg 35745 Herborn, Germany www.rittal.com |
|  |

System benefits in shiny steel

Sometimes, even enclosures need to glisten elegantly, although in industry, it’s rarely about beauty and always about function. Enclosures must protect sensitive circuits and controllers, even under adverse conditions. This already applies to the standard versions of the Rittal AX and KX range, with their robust powder coatings. System specialist Rittal is now offering new versions made of stainless steel. The smooth material even withstands chemicals, salt water or extremely high levels of humidity and extends the diversity of the Rittal system.

Herborn, 14 November 2023 – When converting stainless-steel enclosures to AX and KX, planners and users can now benefit from the Rittal system for special applications that require more robust material. The compact enclosures have a patented system of enclosure locators. This means that, along with the rails for interior installation, they replicate the established 25 mm system pitch pattern from the VX25 large enclosure system. With this unique, patented system, AX compact enclosures are prepared for all types of configurations and refits.

System components and accessories, from door-operated switches or door stays to cable conduits and clamping strips to enclosure lights, can be installed on rails easily, quickly and safely without any drilling. Due to the predefined space between the rails, system accessories like punched sections, cable clamp rails, or support rails from the VX25 enclosure system can also be used.

The new design also simplifies earthing with automatic potential equalization for the AX and KX in stainless steel. On the KX, for example, the side parts have been optimized for the PE connection. To make even better use of the depth of the KX terminal boxes, the mounting rail can be mounted directly on the rear panel. Also new to the KX stainless steel portfolio are the E-Box closed housings with door. In both the AX and KX series, rear panel punchings with a practical hole punch mark also speed up wall mounting.

Prepared for digital process optimisation

As system enclosures, the new stainless-steel versions are now fully prepared for digitally optimised processes in panel building and switchgear manufacturing, processes that are in high demand in times of increasingly complex systems and a shortage of skilled workers. All data is available for Eplan so that the suitable and corresponding installed equipment can be seamlessly configured following mechatronic planning and design. Rittal’s. The digital automation twin created from the Eplan project also contains all the data needed for automatic processing by panel builders and switchgear manufacturers, for example, for cut-outs with Perforex LC 3D laser centres. The ePocket wiring plan pocket then makes the data available during system operation.

Enclosures and accessories can also be easily configured and ordered using the Rittal RiPanel tool.

(2,970 characters)



**Caption(s)**

Image 1: The new AX and KX in stainless steel withstand chemicals, salt water or extremely high levels of humidity and extend the diversity of the Rittal system.

Image 2: Interior installation rail and 25-mm locators: system configuration with no drilling required

Image 3: KX terminal box in stainless steel and new design with improved space utilization.

May be reproduced free of charge. Please name Rittal GmbH & Co. KG as the source.



**Rittal**

Rittal is a leading global supplier of enclosure systems, automation and infrastructure to the industrial, IT, energy and power, cooling and service sectors. Rittal products and solutions are used in over 90% of global industries – standardised, customised, and always of the very best quality.

Our approach: With the combination of hardware and software expertise, Rittal, Rittal Software Systems (Eplan, Cideon, and German Edge Cloud) and Rittal Automation Systems (RAS, Ehrt, and Alfra) optimise and digitise the processes along the customer's entire value chain, including IT infrastructure – from panel building and switchgear manufacturing to mechanical engineering, and through to factory operators or the energy industry.

Our promise: Rittal standard products are delivered within 24 hours in Germany, and within 48 hours worldwide.

Fully focused on our customers

Improving efficiency and increasing productivity through automation and digitalisation is one of the biggest challenges for our customers. This requires in-depth knowledge and expertise, the combination of hardware and software, and cross-sector networking. We are convinced that creating and connecting data spaces is crucial to the success of industrial transformation. And that is exactly our speciality and field of competence.

Eplan and Rittal are driving the development of the digital twins of equipment and systems and are making the data more accessible and operationally useable. Cideon is improving digital continuity and data consistency in relation to digital product twin context with its CAD/CAM, PDM/PLM and product configuration expertise. German Edge Cloud’s ONCITE Digital Production System (DPS) makes the data from the manufacturing processes transparent and thus optimisable – right up to energy management via the digital production twin.

Sustainability

Environmental and climate protection, social commitment and ethical corporate management are a given for Rittal. We take our responsibility for a sustainable future seriously. Our approach to resource management and conservation involves continuous improvement of our production processes and ensuring that our products and solutions have the lowest possible Product Carbon Footprint. This supports our customers in achieving their climate targets.

Family business and global player

Founded in 1961, Rittal is the largest company in the owner-operated Friedhelm Loh Group. The group operates worldwide, with more than 12 production sites and over 95 international subsidiaries. It had more than 12,000 employees and posted revenues of 3 billion euros in fiscal 2022. In 2023, the Friedhelm Loh Group was named “Best Place to Learn” and “Employer of the Future”. Rittal was awarded the Top 100 Seal as one of Germany’s most innovative medium-sized companies.

For more information, visit [www.rittal.com](http://www.rittal.com) and [www.friedhelm-loh-group.de](http://www.friedhelm-loh-group.de).