

News Release

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RJ45 jacks with magnetics **RJ45 jacks with integrated magnetics simplify design and reduce EMI risks**

Middletown, PA – Phoenix Contact now offers RJ45 jacks with integrated magnetics. The integrated magnetics within the RJ45 jacks improve electromagnetic interference (EMI) noise shielding and ensure reliable data connections in industrial environments.

Because the magnetics are integrated, the RJ45 jacks simplify the Ethernet design process and reduce PCB complexity. The 90° and 180° single-port PCB connectors are suitable for wave soldering (THT) and reflow (THR) processing, which enables automated processing. With their robust industrial design, they can be used under demanding conditions.

The RJ45 jacks enable data rates up to 1 Gbps. They feature optional shield springs and LEDs as a visual status indicator for the interface. The new additions complement Phoenix Contact's existing industrial and standard RJ45 jack portfolio.

Learn more at <https://www.phoenixcontact.com/en-us/product-list-webcode-3710>.

About Phoenix Contact

Phoenix Contact is a global market leader based in Germany. Since 1923, Phoenix Contact has created products to connect, distribute, and control power and data flows. Our products are found in nearly all industrial settings, but we have a strong focus on the energy, infrastructure, process, factory automation, and e-mobility markets. Sustainability and responsibility guide every action we take, and we're proud to work with our customers to empower a smart and sustainable world for future generations. Our global network spans 100+ countries. Phoenix Contact USA has headquarters near Harrisburg, Pa., and employs more than 1,100 people across the U.S.

For more information about Phoenix Contact or its products, visit www.phoenixcontact.com, call technical service at 800-322-3225, or email info@phoenixcontact.com.

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