

News Release

Phoenix Contact USA, Inc.
586 Fulling Mill Road
Middletown, PA 17057
Phone: 717-944-1300, ext. 3721
Email: mmcgowan@phoenixcontact.com

Molly McGowan, APR
Senior Media Services Specialist

October 2025

EMC filters for reliable power supply Prevent downtime by limiting interference voltages and currents

Middletown, PA – EMC filters from Phoenix Contact prevent premature failures, shortened service life, and unplanned downtime in high-interference environments. The new filter portfolio limits interference voltages and currents that sensitive equipment can generate during normal operation and under fault conditions.

The FIL-1S family is a conventional in-line filter that protects 120-240 V AC and DC power circuits. The FIL products have additional PE terminal points. This improves the filter effect for high-frequency interferences between the active wires and the ground potential.

Filters in the SFP2 family provide double protection against overvoltage pulses and high-frequency interference. They feature an integrated surge protection function that protects both the input and output side of the filter.

The TTC-6-SFP filters also provide both noise and surge protection but in a slim 6.2-mm wide package. These narrow filters increase signal quality by filtering high-frequency noise interference and suppressing transient surge activity that can disrupt data communications.

The new EMC filters are available with Push-in and screw connection technology. They are DIN rail-mountable and have IP20 degree of protection. The FIL-1S and SFP2 families are rated for use in Class I, Division 2 locations. Learn more at www.phoenixcontact.com/us-emc-filters.

About Phoenix Contact

Since 1923, Phoenix Contact has created products to connect, distribute, and control power and data flows. Our products are found in nearly all industrial markets. Sustainability and responsibility guide every action we take, and we are proud to collaborate with our customers to empower a smarter and better world for future generations. Together, we are creating a sustainable world based on our passion for technology and innovation.

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

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