



# News Release

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## **DC/DC converters with conformal coating** **QUINT DC/DC converters are now triple-certified for use in hazardous locations**

**Middletown, Pa.** – The newest QUINT DC/DC converters from Phoenix Contact feature conformal coating for protection in harsh environments. The converters have been approved for use in ATEX, IECEx, and Class I, Division 2 locations, so they can be used in hazardous locations around the globe.

The conformal coating protects against dust and conductive debris, corrosive gases, and humidity, and it prevents failures due to creepage currents and electromechanical corrosion. It also reduces the risk of failure due to vibration and thermal shock.

The DC/DC converters can amplify, isolate, and convert voltage, and they also allow for the creation of an independent supply system. Their output side enables easy expansion and a reliable heavy load startup. The converters feature Phoenix Contact's Selective Fuse Breaking (SFB) Technology, which offers protection by means of magnetically tripping circuit breakers with six times the nominal current (SFB pulse).

The DC/DC converters are available in both 5 and 10 Amp versions. They feature Push-in Technology for easy installation. Designed with applications in harsh and cold conditions in mind, the selected components in these converters are not only high in quality, but can also withstand temperatures as low as -40 and as high as +70 degrees C.

Learn more at [www.phoenixcontact.com/quintdcdc](http://www.phoenixcontact.com/quintdcdc)

### **About Phoenix Contact**

Phoenix Contact develops and manufactures industrial electrical and electronic technology products that power, protect, connect, and automate systems and equipment for a wide range of industries. Phoenix Contact GmbH & Co. KG, Blomberg, Germany, operates more than 50 international subsidiaries, including Phoenix Contact USA in Middletown, Pa.

For more information about Phoenix Contact or its products, visit [www.phoenixcontact.com](http://www.phoenixcontact.com), call technical service at 800-322-3225, or e-mail [info@phoenixcontact.com](mailto:info@phoenixcontact.com).

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