



News Release

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Achieve SIL 3 without external redundancy **New TÜV-certified QUINT 20+ power supply for applications up to SIL 3**

Middletown, Pa. – Phoenix Contact’s premium QUINT POWER line now includes a single-device solution that meets functional safety applications up to Safety Integrity Level (SIL) 3. The new QUINT 20+ power supply has an integrated decoupling MOSFET and double overvoltage protection circuitry to meet rigorous SIL 3 safety regulations without the need for external redundancy.

The QUINT 20+ power supply introduces a single conformally coated device solution with ATEX, IECEx and Class I, Division 2 approvals, which allows the power supply to be mounted within potentially explosive areas (Zone 2). The functional safety approval allows the QUINT 20+ power supply to be used in applications up to SIL 3, according to IEC 61508. The safety function is to limit the output voltage to 30 V DC, and if higher, to switch off within 20 milliseconds. The safe state is no output voltage. Designed with double overvoltage circuitry, the QUINT 20+ power supply also has a Hardware Fault Tolerance (HFT) of 1.

Learn more at www.phoenixcontact.com/SIL3

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 50 international subsidiaries, including Phoenix Contact USA, Inc., in Middletown, Pa.

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