News Release

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DC/DC power converter for photovoltaic applications
Connect directly to the solar array and eliminate trenching costs

MIDDLETOWN, Pa. – Phoenix Contact’s new UNO Solar DC-to-DC power converter connects directly to a solar array. The UNO Solar converts high voltages from DC strings to 24 V DC, eliminating the costs and hassle of trenching for combiner, re-combiner, and inverter control for anti-islanding applications.

The UNO Solar accepts the 300 to 1000 V DC input generated by the array and converts it to electrically isolated 24 V DC/2.5 A output voltage. For higher current applications, the UNO Solar can be wired in parallel with the use of a decoupling diode.

Thanks to the compact housing and high efficiency of more than 90 percent, UNO Solar can also be used in small control boxes. The LED monitoring simplifies startup. It is the first array-powered power supply certified to UL 1741, facilitating the approval of the overall system.

Phoenix Contact backs the quality of this power supply with a five-year standard warranty. Learn more at: www.phoenixcontact.com/unosolar

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 47 international subsidiaries, including Phoenix Contact USA in Middletown, Pa.

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

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