********DC/DC converters now available for more voltage levels**

The Quint Power product range from Phoenix Contact has been extended to include six new DC/DC converters, which cover additional voltage levels with increased functionality.

In addition to the new devices for voltage levels 12 and 48 V DC, there are now two more devices on offer with wide range input. These convert input voltages in the range between 42 to 96 V DC and 67 to 154 V DC into an electrically isolated, adjustable 24 V DC output voltage. This means that the nominal voltage levels 60 and 110 V DC, such as those that arise in the energy sector, can be covered. Thanks to the electrical isolation between the input and output voltage, independent supply systems can be established, and monitored in a preventative manner. Two additional devices which are specially designed for the input voltage range for railway applications complete the product range. They satisfy railway standard EN 50155 with their protective coating. They can also be used in other demanding environments.

All DC/DC converters support Power Boost, which permanently supplies 1.25 times the nominal current. What's more, the devices feature Selective Fuse Breaking Technology (SFB), which supplies six times the nominal current for 12 ms, thereby reliably tripping standard circuit breakers. Comprehensive diagnostics are provided through constant monitoring of the input and output voltage and output current. Preventive function monitoring visualizes critical operating states and reports them to the controller before errors can occur.

**ENDS**

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