********Surge protection redesigned - high performance with safeguards**

Lightning and surge protection for power supply units is now especially high-performance and durable. It is made possible by the new Safe Energy Control (SEC) technology with its non-reactive spark gap from Phoenix Contact.

All protective devices in the new product line have been completely redesigned and are now based on SEC technology. The heart of the type 1 lightning current arrester is a spark gap that safely impedes secondary currents. While system fuses were often blown by previous protective devices, such inconveniences are a thing of the past with SEC technology. The devices are extremely durable and operate inconspicuously without impairing the protected system. The type 2 and type 3 surge protection devices are also designed for high performance and functional reliability. The compact design and universal pluggability of the arresters makes installation, operation, and maintenance easier.

The type 2 surge protection devices measure only 12 mm per channel. The new type 3 device protection now combines surge protection with integrated arrester back-up fuses in a particularly compact housing. The pluggability of all products allows quick, simple insulation measurements. The Checkmaster 2 arrester testing device is available to check all devices for correct operation..

The new product family is particularly easy to install. The base unit and plug can be rotated 180° so that the labelling on each can be easily read at any time and the connecting cables remain short. The Biconnect terminals allow two connections per channel, allowing installation with V-shaped feed-through wiring. The large labelling surface on the protective devices allows simple identification in the control cabinet. The optical-mechanical status display with its new brighter signal colours is easy to read.

**ENDS**

**February 2015**

**PR4714GB**

Phoenix Contact Ltd

Halesfield 13

Telford

Shropshire

TF7 4PG

Tel: 0845 881 2222

Fax: 0845 881 2211

[www.phoenixcontact.co.uk](http://www.phoenixcontact.co.uk)

info@phoenixcontact.co.uk

**For news updates from Phoenix Contact visit:**

**Phoenix Contact Press Room** – http://www.mynewsdesk.com/uk/phoenix-contact-uk

**Twitter** - @phoenixcontactu

**YouTube** – Phoenix Contact UK

Blog - phoenixcontactuk.wordpress.com