********Efficient and compact: Ten new power supplies with basic functionality**

Uno Power, power supply units, now available in 15 different modules, offer output voltages from 5 to 48 V DC. Their high power density and compact control cabinets speak for themselves, and they can reliably handle loads of up to 100 W. Uno Power also has significantly reduced energy consumption as compared to other commercial products, with low no-load losses of under 0.3 Watts and a degree of efficiency optimized at over 90%.

The three housings, with dimensions of 22.5 / 35 / 55 x 90 x 84 mm (width x height x depth), each offering a high power density of 240 W/dm³, save space in the control cabinet. Power supply units providing output voltages of 5, 12, 15, 24, and 48 V DC are available in 25, 30, 40, 55, 60, 90, and 100 W versions.

But what the UNO power supply units really offer is energy efficiency. Thanks to low no-load losses of less than 0.3 W and optimized efficiency ratings, these power supply units are very economical when compared to other commercial units. With an efficiency of up to 90% at nominal load, only a small fraction of the electrical energy is converted into unwanted heat.

The range is UL certified and features a wide-range input, a crucial prerequisite for worldwide use. Uno Power can handle input voltages from 85 to 264 V AC, resulting in reliable operation even in the event of mains grid voltage fluctuations. If the input voltage ranges from 264 to 575 V AC, then we recommend using the 2AC device, which offers a 24 V output at 90 W. Phoenix Contact offers two modules, both with 90 W output power, suitable for applications that require certification in accordance with UL 1310/508 Listed Class 2. With an extended mains buffering time of up to 140 ms under full load and MTBFs (Mean Time Between Failure) exceeding 500,000 hours, these power supplies prove exceptionally reliable in operation. Outdoor use is also possible thanks to a broad operating temperature range of -25 °C to +70 °C.

**Ends**

**April 2014**

**PR4628GB**

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