

Campbell Collins Introduces Transient Protection Modules from Gaia for Hi-Rel Applications

Stevenage, UK – 4th November 2009 - Campbell Collins Ltd, a specialist supplier of power source products and capacitors, is pleased to exclusively offer the PGDS-50 and LGDS-300 Transient Protection Modules from Gaia Converter to the UK marketplace. These Hi-Rel Grade Transient Suppression Modules are complementary products to Gaia's wide range of DC/DC converters and input filters, enabling customers to quickly and elegantly create complete power supply solutions.

The PGDS-50 is a dedicated Pre-Regulator module offering extended operation during voltage drop outs, as well as extensive levels of transient and spike suppression. Operating over a power level of 4-50W, the PGDS-50 will protect against transients of up to 80V for 100ms and 100V for 50ms in accordance with MIL-STD-704A/D/E/F, EN2282, AIR2021E, DO160D categories A, B and Z, and MIL-STD-1275A/B. It also offers full protection against Spikes of up to 600V for 20us as called for in the above specifications.

A unique feature of the PGDS-50 series is an in-built boost function which enables customers' equipment to operate seamlessly during brown-out conditions as low as 6V during supply voltage drop outs such as during cranking conditions. Housed in a 40mm x 26mm x 7.9mm package, the device has an operational temperature of -40degC to +85degC, and can deliver full output power in natural convection up to 85degC ambient.

For higher power applications, or to feed multiple Gaia DC/DC converters in a Distributed Power Architecture, the LGDS-300 offers a power range of up to 300W. Also offering up to 80V/100ms, 100V/50ms transient suppression, and 600V/20us spike suppression, the LGDS-300 can deliver full power up to 75degC ambient temperature with natural convection. The package size for this increased power level is only marginally larger than the PGDS-50 at 41mm x 27mm x 16.5mm.

Campbell Collins is typically able to supply both devices from stock, along with specialist design support for the complete offering of EMI Input Filters, DC/DC Converters and AC/DC Converters from Gaia.

####

Note to Editors: A high resolution image for this press release is available on request.

About Campbell Collins Ltd

Campbell Collins Ltd is a UK based Franchised Distributor of Power Sources and Capacitors for the Military, Aerospace, Transportation, Industrial and Telecom/Datacom marketplaces. In business for over 20 years, we have built a name for ourselves as a reliable, trustworthy and valuable partner to our customers and franchises alike, offering the highest levels of pre and post design support services.

Focussing on Power related products from key players in the Power Supply, Semiconductor and Capacitor product areas, we are a franchised, design in distributor for Gaia Converter, MS Kennedy, SSDI, Lansdale Semiconductor, Ericsson Power Modules, MTM



PRESS RELEASE

Power, Mitra Energy, Power Mate, FT Cap, LeClanche Capacitors, Icel, Audience, and the full line of Kemet companies including BHC, Arcotronics and Evox Rifa.

PR Contact:

Phil Goff, Sales & Marketing Manager
Campbell Collins Ltd
Boulton Road
Stevenage
Hertfordshire
SG1 4QX
Tel: +44 1438 369 466
Fax: +44 1438 316 465
Email: phil.goff@camcol.co.uk
Web: <http://www.camcol.co.uk>