



Signal Expands Power Isolation Transformer Offering To Include Units Optimized For Medical Equipment Applications

Laminated Devices Meet Medical Safety Standards and Satisfy Low RFI & EMI Requirements

FOR RELEASE: IMMEDIATELY

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Inwood, NY, March 10, 2005...Signal Transformer, a subsidiary of Bel Fuse Inc. (NASDAQ: BELFA & BELFB), today announced the expansion of their M4L Series of International Power Isolation Transformers to include the 450 VA rated [M4L-1-4, M4L-2-4, and M4L-3-4](#). These transformers are for use in providing reinforced isolation between Mains supply and sensitive electronic equipment. The new parts join the Company's comprehensive offering of standard and custom power transformers for worldwide applications, and are in full compliance with the leakage and insulation requirements as stipulated by the IEC 61558-1-2 and UL safety standard 60601-1. Signal's chassis mount devices feature a non-concentric winding platform to provide reinforced isolation and superior dielectric performance. The high efficiency, laminated transformers furthermore boast a vertical-mount configuration to minimize their footprint, and a modular "touch safe" terminal assembly to prevent shock hazards.

Signal's newest transformers are ideally employed in a broad range of such medical and dental instruments as EEG monitors, electro-surgical equipment, hospital beds, portable lab cabinets, sterilizing equipment, medical grade linear power supplies, data processing isolation, and ultrasonic devices.

The entire M4L transformer series is dielectric strength tested to 4.0 kV, offers an extremely low <30 mA leakage current, and incorporates a UL Recognized class F (155°C) insulation system. Rated @ 50/60 Hz, the series provides operational voltages of 115V, 230V and 100-115/200- 230V. These highly efficient transformers utilize low-loss magnetic steel and UL 94 V0 flame rated polymers. Measuring 4.5" (114.3mm) L x 4.33" (109.9mm) W x 4.5" (114.3mm) H, and weighing 11 lbs. (5.0 Kg), Signal's power transformers for medical applications feature quick-connect/screw type terminals.

In 100 unit quantities, pricing on the M4L series ranges from \$59.50 to \$62.45 each depending on operational voltage. Delivery is from stock to 6 weeks.

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About Bel

Bel (www.belfuse.com) and its subsidiaries are primarily engaged in the design, manufacture and sale of products used in networking, telecommunications, high speed data transmission, automotive and consumer electronics. Products include magnetics (discrete components, power transformers and MagJack® connectors with integrated magnetics), modules (dc-dc converters, integrated analog front end modules, custom designs), circuit protection (miniature, micro and surface mount fuses) and interconnect devices (passive jacks, plugs and cable assemblies). The Company operates facilities around the world.

Information contained in this news release (including information regarding Signal transformers optimized for medical applications) may constitute forward-looking statements, which involve risks and uncertainties. Among the factors that could cause actual results to differ materially are the following: the effect of business and economic conditions, the impact of competitive products and pricing; capacity and supply constraints or difficulties; product development, commercializing or technological difficulties; the regulatory and trade environment; and the risk factors reported from time to time in the Company's SEC report.

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