

PRESS RELEASE

High-Current Connector in RAST

Schalksmühle, 1.3.2014. Far beyond the traditional vehicle 12 volts on-board voltage are currents in electrical vehicles. For this purposes Lumberg offers its RAST 7.5 Power™ connector (3690), which covers rated currents up to 25 amps at T_{amb} 85 °C and a rated voltage of up to 500 volts.

In a 2 pole version this connector rides within the on-board electronic system of each E-Smart. The indirect power connector, which is also available in a 1 pole version, mating with an upright tab header (3695), comes with exterior locking and can be placed consecutively without loss of pitch. The keying option of these connectors allows for fool-proof mating. With a pitch of 7.5 mm (0,295") this connector is designed for AWG 14 ($\approx 2.5 \text{ mm}^2$) conductors with an insulation diameter of up to 3.6 mm (0,142"). Contact springs are silver-plated, and the connector terminates by insulation displacement technology (IDT). The RAST 7.5 Power™ connector is glow wire resistant (GWT 750 °C) and applicable in a temperature range from -40 to +130 degrees centigrade.

Total no. of characters incl. blanks: 1079

As media material to this press release attached you will find:

Photo 1: LUMBERG_RAST 7.5 Power Steckverbinder_3690.jpg

About Lumberg Group:

The Lumberg Group, headquartered in Schalksmühle, Germany, ranks among the leading providers of connector and interconnect systems. Core areas of expertise include R&D, manufacturing and the worldwide sales of electromechanical and mechatronic components. For 80 years now, the Group's skills have broadened from manufacturing connectors and challenging micro-contact elements, to developing complex mechatronic assemblies, to customer-specific engineering and technical design services for all industries. In-depth application expertise led to strong partnerships in the automotive, home appliance, building technology, communications, consumer electronic and photovoltaic industries. Family-run in third generation, the company has a global workforce of around 1,000. Subsidiaries in Europe, America and Asia form a dense sales network. In 2014, the Group's turnover totaled some Euro 115m. Over 20,000 catalog and customized products are proof of the company's efficiency. www.lumberg.com

