

**PRESS RELEASE**

## **Power Connectors: Range Expansion with Booming RAST 7.5**

**Schalksmühle, 15.02.2023.** Few connectors achieve a breakthrough in very different – and at the same time highly topical – industries in such a short time as Lumberg's RAST 7.5 Power™ connector (3690).

One of the new areas of application for the RAST 7.5 Power™ connector, which is designed for rated currents of up to 25 amperes at  $T_{amb}$  85 °C and a rated voltage of 500 volts, is electric vehicles with a higher than standard 12-volt on-board voltage. Beyond the automotive industry, the connector is flourishing enormously in heating technology, especially in the currently booming heat pumps. It is also fitting that Lumberg has been accepted as a member of the Bundesverband Wärmepumpen e.V. (German Heat Pump Association).

Lumberg is now responding to the increased fields of application by expanding the product range with new pole numbers. The power connector with external locking, which is now indirectly mating onto a 2 to 5-pole upright tab header (3695) and is now also available with 1 to 4 poles, 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 applicable in a temperature range from -40 to +130 degrees centigrade.

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

**Photo 1 (© Lumberg):** LUMBERG\_RAST 7.5 Power Connector\_2-poles\_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 89 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 and communications industries. Family-run in the third generation, the company has a global workforce of around 1,150. Subsidiaries in Europe, America and Asia form a dense sales network. In 2020, the Group's turnover totaled some Euro 125,7 m. Over 20,000 catalog and customized products are proof of the company's efficiency.

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