

**PRESS RELEASE**

## **New Power Supply Connector: Total Support at a High 10 Amps**

**Schalksmühle, 1<sup>st</sup> of December 2015.** Lumberg added two new models to its portfolio of DC power supply connectors. Geared specifically toward applications requiring high tensile forces which simultaneously rely on high rated currents of up to 10 amps for the low voltage range, the chassis socket plus its matching power supply is now available for the market.

The special highlight here is the current carrying capacity of up to 10 amperes. Whereas the standard for these power supply connections tends to reach up to 2 amperes, the breadth of applications is substantially larger with the new connector pair. The chassis socket of straight design for front-side mounting with a tensile force of up to 15 newtons additionally offers a carrying capacity which supports the suspension of devices. This creates a multitude of usages in terms of support, as is being increasingly called for by the industry and in measurement and control technology.

The contact base of the chassis socket and connector is made of glass fiber reinforced plastic and is UL94 V0 classed; the contacts are made of nickel-plated brass. Of a 3-pole design, the socket additionally facilitates the transmission of signal currents. The rated voltage is 24 Volt DC at 10 amperes; the insulation resistance a minimum 100 megohm. The service life of the 1614 21 metal chassis socket has been specified for more than 5,000 plug cycles. The 1636 07 cable connector, straight design with bend protection as well as the chassis socket, cover a temperature range of between -40 °C and 85 °C.

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The media kit for this press release includes the following attachment:

**Photo 1:** LUMBERG\_Einbaukupplung 1614 21 mit 10 A und hoher Ziehkraft.jpg (Socket)



**Photo 2:** LUMBERG\_Netzgerätestecker 1636 07.jpg (Connector)



#### **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 more than 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 and consumer electronic industries. Family-run in the 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](http://www.lumberg.com)