

Press release

June 2020

Wieland's new podis® power bus system – for the simple distribution of power

The new podis® power bus system from Wieland Electric helps to implement the distribution of power quickly and easily. Ideal for use in airports for baggage conveyor systems, office buildings, shopping centres for the routing of power, the podis® power bus system has found popularity more recently for the installation of vehicle charging stations for electric cars in public parking garages. The podis® decentralised energy distribution system allows a large number of charging stations to be connected with just one supply cable.

High currents have to be distributed safely without disturbing the existing installation. Often in existing buildings the space required for this application has not been taken into account. And it needs to be easy to extend the installation to accommodate the foreseeable increasing demand for additional charging stations. As a result, a supposedly simple installation soon becomes a complex task.

For vehicle charging, the feed to the power bus can be placed anywhere, including the centre which enables an ideal balance of the load on the power bus, meaning that the number of charging stations on a section of flat cable can be increased without overloading the cable. The modules for the energy tap can be placed anywhere at any time and, as a result, extensions are also easy and require little effort. What is unique is that these tap modules are available for both fixed and pluggable installation, which provides crucial benefits should a charging station have to be replaced - with no complex installation, the charging station can be replaced in a matter of minutes.

The system saves installation time, requires less cable, and considerably reduces the size of the distribution cabinet. The connection components for the feed or power tap can be installed anywhere in the power bus, whilst the connecting modules can be positioned quickly and flexibly using the insulation-piercing contacts of the podis® components. Contacts are screwed in through the sheath of the cable and the core insulation in order to make contact with the conductors in the cable, removing the need for any cutting, baring and stripping.

Ends

Please note new address for Wieland as of 14th June 2019 is:

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