

Press release

19“-subracks Future from POLYRACK withstand strong mechanical impact

Straubenhardt, 30. June 2016 – The robust subracks series Future from the POLYRACK TECH-GROUP can be individually configured. It is designed for different shielding concepts and applications in harsh environments such as railway technology.

For applications in demanding environment POLYRACK developed its Future subracks exceptionally robust. Thanks to the securing of the heavy-duty rails with two screws each side as well as the tox-joined version of the side plates the series Future meets the requirements on a „vibration resistant“ product and therefore corresponds for use at the Deutsche Bahn (according to LES-DB) as well as the French railway system (NF-F).

Depending on the demands various configurations can be combined with the standard parts of the series Future. The basic constructions are differing in vibration resistance and shielding concept. The shielding concept “spring” carries a groove for insertion in the mounting bracket while the concept “gasket” shows a detail for a self-adhesive strip in a CuNi coated fabric. POLYRACK also has a compatible version according to IEEE 1101.1/IEEE 1101.10 with front extrusions and ejector handle perforation in its product range. Combinations of positively tox-joined and with two screws secured side plate mounting brackets and side plate corner brackets ensure a robust construction. Due to the profile positioning in 10mm increments a dual construction is also possible.

Further versions can be individually configured by single components. An example for a customer-specific solution is a subrack based on the Future-series that was successfully certified according to EN 60068 by POLYRACK. With its weight of 10 kg it withstands shock loads up to 5G and is suitable for use in environments with strong mechanical load, such as in rail wagons, in

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The series Future is often used in the German and French railway system.



POLYRACK-subrack Future with EN 60068 certification

power plants, in mines or lorries. Besides the development and customer-specific adaptations up to the complete product solution POLYRACK also provides the certification of the subracks with accredited partners, e.g. the TÜV Rheinland.

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About POLYRACK TECH-GROUP (www.polyrack.com)

The POLYRACK TECH-GROUP develops and manufactures high quality standard cases and customer-specific enclosure solutions. Thanks to a broad range of technologies in the mechanical manufacturing, systems engineering / electronics, plastics and surface finishing, POLYRACK offers electronic packaging for every need. The service offering extends from consulting in the conception phase, development, manufacturing and assembly right through to logistic solutions and sourcing services.

The company group comprises the POLYRACK Electronic-Aufbausysteme GmbH (Electronic Packaging and Systems Technology), RAPP Kunststofftechnik GmbH (Plastics Technology), RAPP Oberflächenbearbeitung GmbH (Surface Treatment) and subsidiaries in Switzerland, Belgium, America and China. The daughter company econ solutions GmbH is responsible for the development and distribution of the energy monitoring system "econ". The owner-managed company has approx. 340 employees worldwide and achieved a turnover of 52 million euros in the group in fiscal year 2015.

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