



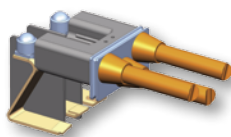
High Voltage
Power

HVC – High Voltage Cabling

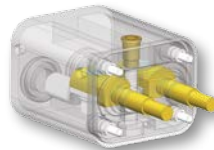
Satrotec has been involved in the fields of high voltage onboard power systems and air conditioning compressor leads from the very beginning,

always adhering to its motto of “Idea. Series. Success.” Everything is done “in-house” at Satrotec, from the design through the first function tests, right down to mass production. It doesn’t matter whether this is a single cable (prototype) or large-scale series production.

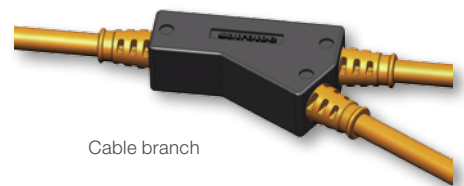
Thanks to our reliable zero-error strategy even the most complex of realizations are possible – and naturally always comply with all of the important automotive standards and qualification test specifications (e.g. P B. PG-23, IP6K9K, IP68).



HV interface for HV systems



HV interface, 48 volts



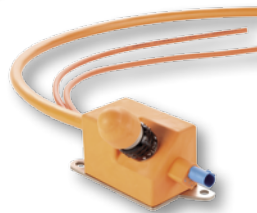
Cable branch



LV interface for HV systems



Three-phase network



Junction box



HV block



Component interface



There are almost no limits to what can be produced on our ultra-modern production facilities and the results are used in both hybrid and electric vehicles. Shielded HV cables with cross-sections up to 75 mm² and more can be produced.

We manufacture complete onboard power systems consisting of battery and air-conditioning compressor leads, three-phase networks and heater connectors. However, we can also produce only parts of these on request. Our program also includes interfaces for components such as air-conditioning compressors, power electronics, HV junction boxes, power distribution units (PDU) or power distribution boxes (PDB) and additional modules such as HV blocks for use in vehicle repair shops. All of these parts can be manufactured for any connector system.



The finished products are once again put through their paces in a so-called End-of-line (EOL) test. They are subjected to HV, insulation, reverse polarity, resistance and leak tests before they finally reach our customers throughout Europe and the USA – delivered ready-to-install (tier 1) and “just in time”!



We are trusted by the following OEMs: Audi, BMW, Chrysler, Daimler, GM, Porsche, Renault, Seat, Think, Volvo, VW.

Interested? If so, contact us for more information or if you have any questions. We are looking forward to hearing from you!

Certification

ISO/TS 16949:2009

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