

Satrotec HVC™

Reliable, durable, robust.
Screw connections ensure maximum functional security.
Simple assembly guaranteed.



SAT HVC-11



SAT HVC-12



SAT HVC-13

The number of vehicles equipped with hybrid or fully-electric propulsion units is on the increase so that the reliability of the on-board electrical connection systems is becoming more and more important. In practice, success is very much dependent upon the flawless and fault-free functioning of these key components. With HVC™, Satrotec has developed a reliable and durable HV interface system which is characterised by its modest dimensions and high process security!

Technical features

- Vibration-proof connection using screws **external to the component (e.g. battery housing, etc.)**
- Problem-free disconnection and reconnection in a flash
- Integrated strain relief
- Cable cross-section from 16–125 mm², current rating dependent upon cross-section
- Simple and robust construction, no complex special parts or tools required
- Maximum protection against water ingress thanks to fully enclosed plastic moulding
- Protection class IP68 and IP6K9K
- Up to 1000 V
- 360° fully enclosed shielding
- Temperature range from -40 °C to 150 °C sustained
- Compatible with LV 215-1 for German automotive manufacturers (AK 4.3.3)
- 1-, 2- or 3-pole interface. Can also be supplied as a 90° option



SAT HVC-1390

Main office:

Satrotec AG
Wasterkingeweg 2
CH-8193 Eglisau
Tel. +41 44 855 23 00
Fax +41 44 855 23 23
info@satrotec.ch

Romania:

Satrotec SRL
Str. Biruintei Nr. 29 (Oarda)
519007 Alba Iulia
Romania
Tel. +40 358 401 620
Fax +40 358 401 622
info@satrotec.ro

www.satrotec.ch

Certification

ISO 2009 TS 16949

