Lem inverter power module

Developers of automotive traction inverters are increasingly using three-phase power modules such as Infineon"s Hybridpack Drive. These modules now adopt Mosfet SiC technology, ...

LEM has launched the HAH3DR S07/SP42, a new compact current sensor designed for 800V three-phase power modules. Developers of automotive traction inverters are increasingly using ...

LEM provides a broad range of current sensors for automotive traction inverters that enable a high level of integration through different assembly concepts such as onto the gate driver boards, plug-and-play ...

The HAH3DR S07/SP42 three-phase sensor has been designed to fit these 800V power modules. Thanks to their full temperature calibration and stability throughout the life of the device, ...

The HAH3 product series comprises tri-phase current sensors designed for measuring DC, AC, and pulse currents in high power and low voltage environments. These current sensors provide galvanic ...

Compatible with popular industry modules, the new current sensor supports the transition to SiC MOSFET technology in 800V battery systems.

These modules are now adopting the more efficient SiC MOSFET technology, allowing vehicles to use 800V battery systems that offer faster charging and longer driving range. The ...

Application note AN13879 describes the design of a Field field-oriented control for 3-phase PMSM motors based on LEM current sensors and resolver position sensing. The design targets automotive ...

Because the mechanical integration of the sensor is key for a compact assembly, LEM has developed two distinct designs within the HAH3DR family. The HAH3DR S07/SPx versions are ...

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