

Bosch Engineering Testing Technology projects

High Voltage Safety Box (HVSF)

► Applications

- High voltage safety box for safe testing of electro-mobility components
- Flexibly applicable lab equipment for validation tasks of power electronics (e.g. inverter, converter)

► Features

- Safe switching and monitoring of HV voltage up to 1,200V (isolation and operation monitoring, HV interlock, Safety PLC, emergency shut-off)
- Pre- and discharge function of test object capacitance
- Can be flexibly integrated into existing laboratory equipment

► Customer Benefits

- Best possible lab safety, component protection and wear reduction
- Safety and comfort functions in one compact unit
- Remote controllability and integration into test automation

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