

# Bosch Engineering - Testing Technology

## High Voltage Safety Box (HVSF)

### ■ Applications

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

### ■ Features

- Safe switching and monitoring of high-voltage up to 1,200 V (isolation and operation monitoring, HV interlock, Safety PLC, emergency shut-off)
- Precharge and active fast discharge function of test device capacity
- Can be flexibly integrated into existing laboratory equipment

### – Customer Benefits

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



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